1 A. If it's if it's listed in my 04:40	1 BY MR. KOPEL: 04:42
2 references, then I've seen it before. 04:40	2 Q. This note for publication? 04:42
3 Q. What is it? 04:40	3 A. If there was an editorial board, yes. 04:42
4 A. It's a apparently a research note 04:40	4 Q. Now, I would like to ask you some 04:43
5 authored by Fangneng Huang. 04:40	5 questions regarding this note. 04:43
6 Q. Okay. I'll I'll 04:40	6 Do you want to have a quick look at 04:43
7 A. Yeah, the author 04:40	7 it first, or should I proceed with my questions? 04:43
8 Q represent I'm sorry. 04:40	8 A. I would like to look at it. 04:43
9 A. I was just going to say the authors are 04:41	9 Q. Go ahead, and let me know when you're 04:43
10 Huang, Subramanyam, and Clark. 04:41	10 ready, please. 04:43
Q. I'll represent to you that this is in 04:41	11 A. Okay. I think I've — I'm ready. 04:48
12 your list of references for your rebuttal report in 04:41	12 Q. Okay. Do you see that in the study that 04:48
13 this case. 04:41	13 was done here and I'm looking on Page 26 in the 04:4
Now, I wanted to ask you some 04:41	14 second paragraph wood chips were placed in the 04:4
15 questions in connection with this study. 04:41	15 center region closure as a harborage? 04:49
16 Have you read it? 04:41	16 A. Yes, I saw that. 04:49
MR. OSTOJIC: Objection to the form. 04:41	17 Q. Was that improper? 04:49
18 Go ahead. 04:41	18 A. I don't know the purpose of their 04:49
19 BY THE WITNESS: 04:41	19 experiment, so you have to you have to look at the 04:4
A. If it's in my in my references, I have 04:41	20 purpose and then make that decision. 04:49
21 read it. 04:41	21 Q. Didn't you just read this study? 04:49
22 BY MR. KOPEL: 04;41	22 A. I did. 04:49
Q. What is the Journal of Agricultural Urban 04:41	23 Q. And you still don't know what the purpose 04:49
24 Entomology? 04:41	24 was? 04:49
A. I do not know who sponsors that or who 04:4	7
Page 2	0 Page 232
1 the governing body, the editorial board, the 04:41	1 Q. Well, if you look at Page 1, the second 04:49
2 editorial policies, et cetera. I'm not familiar with 04:41	2 paragraph, it says, "We conducted laboratory and 04:49
3 it. 04:41	3 field trials to determine the repelling abilities of 04:49
4 Q. Do you know it to be a peer-reviewed 04:41	4 three commercial ultrasonic devices against three 04:49
5 journal? 04:41	5 common ant species." And then it identifies them. 04:49
6 A. Not for certain, no. 04:41	6 Do you see that? 04:49
7 Q. Now, there's a footnote here that says, 04:41	7 A. Yes. 04:49
8 "Accepted for publication" on a given date. 04:41	8 Q. Okay. Does that tell you what the 04:49
9 A. Uh-huh. 04:41	9 objective of this test was? 04:49
10 Q. Does that tell you anything in this 04:41	10 A. "Determine the repelling abilities of 04:49
11 regard? 04:41	11 three commercial ultrasonic units against three 04:49
12 A. With respect to being peer-reviewed, no. 04:41	12 common ant species." 04:50
13 Q. Okay. 04:42	Q. Was it improper that they used wood chips 04:50
14 A. It's typically when something is 04:42	14 as harborage? 04:50
15 labeled as a note, it's it's a note, it's not 04:42	15 A. I'm sure they didn't think so. 04:50
16 it's not considered to be it's a quick update on 04:42	16 Q. And the editorial board of this journal, 04:50
17 something that somebody wants to get out there real 04	42 17 or whoever approved this note, didn't think so either 04:50
18 quickly, they're probably continuing the testing and 04:4	2 18 probably? 04:50
19 would produce a regular refereed journal article 04:42	19 MR. OSTOJIC: Object. Form, foundation. 04:50
20 later in time. 04:42	20 States facts not in evidence. May call for 04:50
lat a at the state of	21 speculation. 04:50
21 Q. Okay. But accepted for publication 04:42	12 22 But go ahead. 04:50
	-
· -	_
22 implies that there was some degree of oversight by 04:	
22 implies that there was some degree of oversight by 04: 23 the journal's editorial board before they've accepted 04:4	2 23 BY THE WITNESS: 04:50

1	did allow it. 04:50	1 for this journal thought that this was this was a 04:52
2	BY MR. KOPEL: 04:50	2 proper practice for purposes of the study; correct? 04:53
3	Q. Now, do you see that here and I'm 04:50	3 MR, OSTOJIC: Object to form, foundation. 04:53
4	looking at the third paragraph on Page 26 a whole 04:50	4 Speculative. 04:53
5	colony of ants was released into one of the 04:50	5 Go ahead. 04:53
6	enclosures and allowed too acclimate there with the 04:50	6 BY THE WITNESS: 04:53
7	gates closed, and that was the enclosure if you 04:50	7 A. Yeah, and under the my other comment 04:53
	read into the next paragraph that contained the 04:50	8 that a research note, if in fact this is it, is 04:53
	ultrasonic unit, which was then turned on 04:50	9 it's usually not put through the peer review process 04:53
	continuously for nine days. 04:50	10 like a – a journal. They're more apt to be accepted 04:53
11	Do you see that? 04:51	11 because they're like progress reports. 04:53
12	A. Yes. 04:51	12 BY MR, KOPEL: 04:53
13	Q. Okay. And in the course of this trial 04:51	13 Q. And here the ants did not move from the 04:53
	only two ants moved from the enclosure with the 04:51	
	ultrasound to the one without the ultrasound after 04.51	15 ultrasound? You saw that? 04:53
1	three days. 04:51	16 A. A couple of them did; didn't they? 04:53
17	Do you see that? 04:51	17 Q. I believe there were two trials. One of 04:53
18	A. I remember reading that, yes. 04:51	18 them there was two ants and the other one was none. 04:53
19	Q. And then and then in Trial 2 the ants 04:51	19 I'm reading the fourth paragraph on Page 26. 04:53
	failed to move from the enclosure with the ultrasound 04:5	
21	to the one without after continuous exposure for nine 04:51	Q. Okay. Did that indicate that there was 04;53
22	days to ultrasound. 04:51	22 something wrong with the test? 04:53
23	Do you see that? 04:51	23 MR. OSTOJIC: Object to form, foundation. 04:54
24	A. I remember reading it. I'm not following 04:51	24 Incomplete hypothetical. 04:54
25	along with you, but, yes. 04:51	25 But go ahead. 04:54
	Page 234	Page 236
1	Q. Okay. So was it inappropriate for 04:51	1 BY THE WITNESS: 04:54
2	Doctors Huang, Subramanyam, and Clark to release the 04:51	2 A. Well, I I don't remember if 04:54
3	whole colony of ants into one of the enclosures and 04:51	3 something was wrong with the test, what I would have 04:54
4	allow them to acclimate there with the gates closed? 04:51	4 looked at is that acclimation period; and if they did 04:54
5	MR. OSTOJIC: Object to form, foundation. 04:51	5 not move equally in the pretest or the acclimation 04:54
6	Also calls for a incomplete hypothetical. 04:51	6 period see, they didn't do that. I think they had 04:54
7	To the extent you can comment 04:51	7 the gates closed, so the design was different than 04:54
8	upon based on these facts to the study, go ahead. 04:52	8 the design that we're talking about. 04:54
	BY THE WITNESS: 04:52	9 With the gates closed they 04:54
311	A. I I don't know in their mind 04.52	10 acclimated in one chamber just to get them used to 04.54
10 11		10 acclimated in one chamber just to get them used to 04:54 11 that chamber. Then they opened up the the gates. 04:54
11	whether they must have thought it was appropriate, 04:52	11 that chamber. Then they opened up the the gates, 04:54
11 12	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54
11 12 13	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54
11 12 13 14	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55
11 12 13 14 15	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55
11 12 13 14 15 16	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55
11 12 13 14 15 16 17	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55
11 12 13 14 15 16 17	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55
11 12 13 14 15 16 17 18	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:55 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55
11 12 13 14 15 16 17	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52 And Suby it's short for 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55 20 BY MR. KOPEL: 04:55
11 12 13 14 15 16 17 18 19 20	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55
11 12 13 14 15 16 17 18 19 20	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52 And Suby it's short for 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55 20 BY MR. KOPEL: 04:55
11 12 13 14 15 16 17 18 19 20 21 22	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52 And Suby it's short for 04:52 Subramanyam is respected within the field. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS; 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55 20 BY MR. KOPEL: 04:55 21 Q. Well, there's a lot of similarities 04:55 22 between this protocol and what i2L did; correct? 04:55 23 MR. OSTOJIC: Object to form, foundation. 04:55
11 12 13 14 15 16 17 18 19 20 21 22 23	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52 And Suby it's short for 04:52 Subramanyam is respected within the field. 04:52 So while I don't know Fangneng 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS: 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55 20 BY MR. KOPEL: 04:55 21 Q. Well, there's a lot of similarities 04:55 22 between this protocol and what i2L did; correct? 04:55
11 12 13 14 15 16 17 18 19 20 21 22 23	whether they must have thought it was appropriate, 04:52 or they wouldn't have done it. 04:52 BY MR. KOPEL: 04:52 Q. And do you know Dr. Huang? 04:52 A. I know of him. I don't know him. 04:52 Q. Does he have a reputation as a capable 04:52 entomologist? 04:52 A. Well, he studied under Suby. I suspect 04:52 he got his PhD. 04:52 And Suby it's short for 04:52 Subramanyam is respected within the field. 04:52 So while I don't know Fangneng 04:52 Huang, if he's if he's got a PhD underneath Suby, 04:52 I would say that he's credible. 04:52	11 that chamber. Then they opened up the the gates, 04:54 12 as I remember, and so they weren't given the 04:54 13 opportunity to go back and forth and spread 04:54 14 themselves out equally in this design. 04:55 15 Q. Did they need that opportunity? 04:55 16 MR. OSTOJIC: Object to form. 04:55 17 BY THE WITNESS; 04:55 18 A. Again, it goes back to what their own 04:55 19 protocol and what they were trying to do. 04:55 20 BY MR. KOPEL: 04:55 21 Q. Well, there's a lot of similarities 04:55 22 between this protocol and what i2L did; correct? 04:55 23 MR. OSTOJIC: Object to form, foundation. 04:55

0.65	L DVA CO VODET
1 A, A lot of similarities. A lot is a 04:55	1 BY MR. KOPEL: 04:57
2 BY MR. KOPEL: 04:55	2 Q. And if you will please take a look at 04:57
3 Q. Well, they both contain harborage; right? 04:55	3 Appendix 4. That is the i2L testing. 04:57
4 A. They both contain harborage. 04:55	4 A. Okay. I've turned to it, Page 1 of 16 04:58
5 Q. Okay.	5 is the title page, and so it's what counsel is 04:58
6 A. Different well, hold on. 04:55	6 referring to. 04:58
7 No. The harborages were 04:55	7 Q. Can you please take a look at Pages 8 04:58
8 tremendously different. Wood chips in one, cardboard 04:55	8 going into 9. Please read the last paragraph on 8 04:58
9 tube in another. 04:55	9 until the end of that paragraph on Page 9. 04:58
10 Am I right? 04:55	10 MR. OSTOJIC: To himself? 04:58
11 i2LR had Potter put his 04:55	11 MR. KOPEL: To yourself. 04:58
12 cockroaches in there within a cardboard some kind 04:55	12 THE WITNESS: Oh, not out loud. 04:59
13 of cardboard enclosed or roll. I think they used 04:55	13 MR. KOPEL: Nope. 04:59
14 that terminology, cardboard roll. 04:56	14 THE WITNESS: Okay. 04:59
15 That's a lot different than wood 04:56	15 BY THE WITNESS:
16 chips, so that similarity you know, if you take it 04:56	16 A. Okay, I've read it, 05:00
17 up to the level were there harborages in each, yes. 04:56	17 Q. Okay. Does this so would you agree 05:00
18 The type of harborage, very different. 04:56	18 that the i2L protocol was very similar to the 05:00
19 Q. 1 think you might be referring to the 04:56	19 Huang and Subramanyam protocol in that the ants were 05:00
20 testing on cockroaches with the cardboard. 04:56	20 all released onto the enclosure on the side with the 05:00
21 A. Oh, you are right. I I apologize. 04:56	21 repeller, and they acclimated solely on that side 05:00
22 Ants, they had a as I 04:56	22 A. Yes. 05:00
23 understood a Petri dish painted India black on the 04:56	23 Q during the pretest? 05:00
24 top. 04:56	24 And then in both tests the repeller 05:00
So, again, my statement stands. The 04:56	25 was turned on, and in both tests the ants remained on 05:00
Page 23	Page 240
1 harborage for the odorous house ants, very different 04:56	1 the side with the repeller; correct? 05:00
2 than the harborage for these Camponotus species. 04:56	2 MR. OSTOJIC: Object to form, foundation. 05:00
3 Q. But they both they both used 04:56	3 Misstates the evidence. 05:00
4 harborage; correct? 04:56	4 But go ahead. 05:00
5 A. They did. 04:56	5 BY THE WITNESS: 05:00
6 Q. And in both instances the entirety of the 04:56	6 A. Yes. 05:00
7 colony was released on the side with the repeller; 04:56	7 Q. Now, Doctors Huang, Subramanyam, and 05:0
8 correct? 04:56	8 Clark did not view the fact that the ants failed to 05:00
9 A. Yes. 04:56	9 move at all as an indication that their study had 05:01
10 Q. And in both instances they were allowed 04:56	10 failed; did they? 05:01
11 to acclimate solely on that side; correct? 04:56	11 MR. OSTOJIC: Object to form, foundation. 05:01
12 A. No. i2LR didn't have any gates, as I 04:57	12 May call for speculation. 05:01
13 remember. I may be wrong, and you can correct me. 04:57	13 But go ahead. 05:01
14 Q. Sure. 04:57	14 BY THE WITNESS: 05:01
Do you I guess I haven't given 04:57	15 A. Of course not. It's their study. They 05:01
16 you a copy of the report, 04:57	16 would not have tried to publish it if it failed. 05:01
17 MR. KOPEL: We will hand to the witness a 04:57	17 BY MR. KOPEL: 05:01
18 document previously marked as Exhibit 1, the 04:57	18 Q. Do you know Dr. Jeffrey Clark? 05:01
19 deposition of Dr. Michael Potter. 04:57	19 A. No. I do know Suby. 05:01
20 MR. OSTOJIC: Object. Deposition? 04:57	Q. Okay. So at least with regards to these 05:01
21 MR. KOPEL: It was marked as Exhibit 1 at the 04:57	21 aspects of the protocols that are similar between 05:01
22 deposition of Dr. Potter. 04:57	22 this note and the i2L report, there were several 05:01
23 MR. OSTOJIC: I thought you meant it's his 04:57	23 respected scientists who viewed those aspects as 05:02
24 Deposition 1. Okay. 04:57	24 being acceptable; correct? 05:02
25 MR. KOPEL: Okay. 04:57	25 MR. OSTOJIC: Object to form, foundation. 05:02
Page 23	
14 h / 14 m / 14	

A1(1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
1 Go ahead. 05:02	1 with the work of Huang and Subramanyam; correct? 05:04
2 BY THE WITNESS: 05:02	2 MR. OSTOJIC: Object to form. 05:05
3 A. Well, we we assume that the three 05:02	3 BY THE WITNESS: 05:05
4 scientists who authored the paper approved it, and 05:02	4 A. Well, I see the papers they've published, 05:05
5 then whoever was the gatekeeper for the research note 05:02	5 so to that extent, yes. 05:05
6 approved it. I don't know how many there were or who 05:02	6 BY MR. KOPEL: 05:05
7 they are. 05:02	7 Q. Okay. I'm going to ask you some 05:05
8 BY MR. KOPEL: 05:02	8 questions in connection with this. If you would like 05:05
9 Q. Okay. Do you think that whoever the 05:02	9 to take a look before I ask the questions, you're 05:05
10 gatekeeper for the Journal of Agricultural Urban 05:02	10 welcome to. I know it's a little tedious, but you 05:05
11 Entomology would be let me rephrase. 05:02	11 did cite this in your report, so did Dr. Potter, and 05:05
12 Do you think that whoever the 05:02	12 I would like to ask you some questions about it. 05:05
13 gatekeeper for the Journal of Agricultural Urban 05:02	13 A. That's fine. 05:05
14 Entomology is, that they would be a qualified 05:02	14 Q. And if it's helpful, I can ask the 05:05
15 entomologist? 05:02	15 questions first, and that might save time, but 05:05
16 MR. OSTOJIC: Objection. Calls for 05:02	16 whatever you prefer, 05:05
17 speculation. 05:02	17 A. Well, maybe you ask the question; and if 05:05
17 speculation. 05:02 18 But go ahead. 05:02	18 I I reserve the right to go back and read it all. 05:05
1	19 Q. That's fine with me. Okay. 05:05
19 BY THE WITNESS: 05:02 20 A. Yes. 05:02	20 Okay. Can you can you please 05:05
21 BY MR. KOPEL: 05:02	1
Q. And they clearly approved this study; 05:02	
23 correct? 05:02	Q. And I'm referring to the first paragraph 05:06
24 MR. OSTOJIC: Object to form, foundation. 05:02	24 here. And it appears here that there was a 48-hour 05:06
25 Calls for speculation. 05:03 Page 242	25 acclimation period at the start of the test. 05:06 Page 244
1 050 272	1450 2 11
1 But go ahead. 05:03	1 Do you see that? 05:06
2 BY THE WITNESS: 05:03	2 A. Yes. 05:06
3 A. They approved it because it's published. 05:03	3 Q. Okay. And but they separate and 05:06
4 MR. KOPEL: I'll ask the court reporter to 05:03	4 apart from that they they did control tests. 05:06
5 please mark as Exhibit 11 a study titled, "Lack of 05:03	5 Do you see that? There's a the 05:06
6 Repellency of Three Commercial Ultrasonic Devices to 05:03	6 next sentence says, "In the control tests"? 05:06
7 the German Cockroach." 05:03	7 A. I see that sentence, yes. 05:06
8 (Whereupon, a certain 05:03	8 Q. Okay. So Huang and Subramanyam did not 05:06
9 document was marked Borth	9 choose to rely on the 48-hour pretest as a control; 05:06
10 Exhibit 11 for	10 correct? 05:06
11 identification.) 05:04	11 MR. OSTOЛС: Object to form, foundation as 05:06
12 BY MR. KOPEL: 05:04	12 to what they thought without him reading the entire 05:06
13 Q. Dr. Borth, do you have Exhibit 11? 05:04	13 article. 05:07
14 A. I do. 05:04	14 THE WITNESS: Yeah, I'm going to have to 05:07
15 Q. Have you seen it before? 05:04	15 read. 05:07
16 A. I'm quite certain that I have. 05:04	16 MR. KOPEL: Okay. Go ahead. 05:07
17 Q. What is it? 05:04	17 THE WITNESS: That's a question I can't 05:07
18 A. It's a paper published in the in 05:04	18 answer just by looking at the sentences. 05:07
19 Insect Science in 2006 by Huang and Subramanyam. 05:04	19 THE VIDEOGRAPHER: The time is 5:14. 05:12
20 Q. Okay. And are you familiar with the 05:04	This is the end of Media 4. 05:12
21 Journal of Insect Science? 05:04	21 We're off the record. 05:12
22 A. In a cursory fashion. 05:04	22 (WHEREUPON, a recess was 05:12
23 Q. Is that a peer-reviewed journal? 05:04	23 had.) 05:22
24 A. To my knowledge it is. 05:04	24 THE VIDEOGRAPHER: The time is now 5:24 p.m. 05:22
25 Q. And we've discussed that you are familiar 05:04	
	25 This is the beginning of Media 5 05:22
Page 243	25 This is the beginning of Media 5. 05:22 Page 245

1 We're back on the record. 05:22	1 the arithmetic to account for it, but that sentence 05:24
2 BY MR. KOPEL: 05:22	2 leads me to believe that. 05:24
3 Q. Dr. Borth, have you reviewed Exhibit 11? 05:22	3 Q. And that aspect of the protocol also was 05:24
4 A. Yes. 05:22	4 necessarily approved through the scrutiny of the peer 05:25
5 Q. Okay. Now, in in this study Huang, 05:22	5 review process; correct? 05:25
6 Subramanyam used two cubes with a corridor in between 05:22	6 MR. OSTOJIC: Same objections. 05:25
7 them; correct? 05:23	7 BY THE WITNESS: 05:25
8 A. And Plexiglass. 05:23	8 A. Yes, I would have disapproved it, but I 05:25
9 Q. Plexiglass cubes? 05:23	9 wasn't on the editorial board. 05:25
10 A. Yes. 05:23	10 BY MR. KOPEL; 05:25
11 Q. And there was a 48-hour acclimation 05:23	11 Q. So we've now seen two peer-reviewed 05:25
12 period, but they did not use that pretest period as 05:23	12 publications in which the connecting tube was not 05:25
13 their control; correct? 05:23	13 counted as repelled; correct? 05:25
14 A. Correct. 05:23	14 A. Yes. 05:25
15 Q. In fact, the control was a whole separate 05:23	15 Q. Can you please take a look at Page 65? 05:25
16 test in which there were no ultrasonic units on 05:23	16 A. Okay. 05:26
17 either enclosure; correct? 05:23	17 Q. And I'm looking at the discussion 05:26
18 A. Correct, which I find to be a deficiency, 05:23	18 portion, the last sentence where the authors conclude 05:26
19 but that's correct, 05:23	19 that results from Ballard, et al. in 1984 indicate 05:26
20 Q. Okay. And this deficiency survived 05:23	20 that the device could not repel the German cockroach 05:26
21 scrutiny in the peer review process; correct? 05:23	21 as sufficiently as an effective best management tool. 05:26
22 MR. OSTOЛС: Object to form, foundation. 05:23	22 Do you see that? 05:26
23 MR. KOPEL: I misstated, I – let me 05:23	23 A. I see it. 05:26
24 rephrase that question. 05:23	24 Q. Okay. And that's the same conclusion 05:26
25	25 that Dr. Potter reached based on that study; correct? 05:26
Page 246	Page 248
1 BY MR. KOPEL: 05:23	1 MR. OSTOJIC: Object. Form, foundation. 05:26
2 Q. This issue which you perceive as a 05:23	2 BY THE WITNESS: 05:26
3 deficiency survived scrutiny during the peer review 05:23	3 A. I don't recall. 05;26
4 process; correct? 05:23	4 BY MR. KOPEL: 05:26
5 MR. OSTOJIC: Same objection. 05:23	5 Q. Okay. And the statement also went 05:26
6 BY THE WITNESS: 05:24	6 through the peer review process; correct? 05:26
7 A. Yes. 05:24	7 A. Yes, 05:26
8 BY MR. KOPEL: 05:24	8 Q. Okay. Do you disagree with it? 05:26
9 Q. Can you please turn to Page 64? 05:24	9 MR. OSTOJIC; Object to form. 05:26
10 A. Okay. 05:24	10 BY THE WITNESS: 05:26
11 Q. Okay. And I'm looking at the right-hand 05:24	11 A. Well, I'd have to refresh my memory by 05:26
12 column, and there's a sentence starting with the 05:24	12 looking at Ballard, et al. 1984. 05:26
13 words, "The remaining." 05:24	13 BY MR. KOPEL:
Do you see that? 05:24	14 Q. I'm going to show you 05:27
15 A. Yes. 05:24	15 A. You excuse me. But you referenced 05:28
16 Q. It says, "The remaining cockroaches that 05:24	16 Page 65, and only one sentence at the end. 05:28
17 were unaccounted for (not visible) were in the 05:24	17 Also on Page 65 is Table 1. Can I 05:28
18 conduits connecting the enclosures." 05:24	18 make a comment on that? 05:28
19 Do you see that? 05:24	19 Q. Yeah, but please give me one second to 05:28
20 A. I do. 05:24	20 okay. Please go ahead. 05:28
21 Q. Okay. So do you understand, based on 05:24	21 A. You asked me several times as an employee 05:28
22 this, that the insects found in the corridors were 05:24	22 of Dow what would I do if I was presented with these 05:28
23 not counted as repelled in this study? 05:24	23 results. 05:28
24 A. Based on that sentence, that's what I 05:24	
*	24 I look at these results and see that 05:28
25 would assume. I I did not go through the all 05:24	25 numerically in most of the cases, most of the days, 05:28
25 would assume. I I did not go through the all 05:24 Page 247	

	the daily number of insects in the enclosures were in 05:28	1	Q. Do you know who Ahmad is? 05:32
2	the inactive chamber or cube. 05:28	2	A. I do not. 05:32
3	They were not significantly 05:28	3	Q. Do you know who Zurek is? 05:32
4	different in every case, which the authors reported, 05:28	4	A. I do not. 05:32
5	and so I believe that's where they draw their 05:28	5	Q. But you know who Subramanyam is; right? 05:32
6	conclusions that these were in effective because they 05:29	6	A. I do. 05:32
7	were not significantly different. 05:29	7	Q. Okay. And it looks like this was 05:32
8	If I was in my old Dow role and saw 05:29	8	published in the Netherlands Entomological Society. 05:32
9	those that many numerical differences in favor of 05:29	9	Do you see that on the bottom of the 05:32
	the product, whether it was an insecticide or 05:29	10	page? 05:32
	whatever, I would want to explore more and find out 05:29	11	A. Yes. 05:32
	why. 05:29	12	Q. Do you know if this would have been peer 05:32
13	They had four replications, which is 05:29		reviewed? 05:32
	a good number of replications. If you can't get 05:29	14	
	significance with four replications, that means the 05:29		reference to that journal before. I've never 05:32
			•
	variability is really high. 05:29		published in it. I don't know much about it, but I 05:32
17	And that leads me to question what 05:29		suspect that it is peer reviewed. 05:32
	else is going on here. 05:29	18	
19	And as a Dow employee I would have 05:29		wanted to ask you about here, and you can read as 05:32
	conducted a follow-up test to do more to 05:29		much as you'd like, but I'm not sure that you'll find 05:32
21	understand try to understand what's going on. 05:29	21	it necessary to read the whole thing. 05:32
22	Q. Okay. Thanks. 05:29	22	My question for you is located on 05:32
23	So do you disagree with the author's 05:29	23	Page 31, and I am referencing the first full sentence 05:33
24	conclusion that the test did not provide evidence 05:29	24	on Page 31, which reads: "The unaccounted 05:33
25	that these devices can repel or eliminate the German 05:29 Page 250	25	cockroaches were found in the conduits connecting the 05:33 Page 25
1	cockroach as the manufacturers claim? 05:29	1	chambers." 05;33
2	MR. OSTOJIC: Object, Incomplete 05:30	2	
2	, ,	-	Do you see that:
2		3	A IIIThe procedunted cockrosches were 05:33
	hypothetical. Form. 05:30	3	
4	But go ahead. 05:30	4	found" yes, I see that. 05:33
5	But go ahead. 05:30 BY THE WITNESS: 05:30	4 5	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33
4 5 6	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30	4 5 6	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33
4 5 6 7	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30	4 5 6 7	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33
4 5 6 7 8	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30	4 5 6 7 8	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33
4 5 6 7 8	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30	4 5 6 7	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33
4 5 6 7 8	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30	4 5 6 7 8 9	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33
4 5 6 7 8 9	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30	4 5 6 7 8 9	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33 peer review; right? 05:33
4 5 6 7 8 9 10	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30 going on that was not teased out. 05:30	4 5 6 7 8 9 10	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33 peer review; right? 05:33
4 5 6 7 8 9 10 11	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30 going on that was not teased out. 05:30 MR. KOPEL: I'll ask the court reporter to 05:31	4 5 6 7 8 9 10	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33 peer review; right? 05:33 MR. OSTOJIC: Object to form, foundation. 05:33 BY THE WITNESS: 05:33
4 5 6 7 8 9 10 11 12	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30 going on that was not teased out. 05:30 MR. KOPEL: I'll ask the court reporter to 05:31 please mark as Exhibit 12 a document titled, 05:31	4 5 6 7 8 9 10 11 12 13	found" yes, I see that. 05:33 Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33 peer review; right? 05:33 MR. OSTOJIC: Object to form, foundation. 05:33 BY THE WITNESS: 05:33
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4 5 6 7 8 9 10 11 12 13 14	But go ahead. 05:30 BY THE WITNESS: 05:30 A. I cannot disagree with their conclusions. 05:30 I only added what I added because the tabular results 05:30 are way in favor numerically of it just draws 05:30 questions. It just means there's something else 05:30 going on that was not teased out. 05:30 MR. KOPEL: Pll ask the court reporter to 05:31 please mark as Exhibit 12 a document titled, 05:31 "Responses of Mosquitoes and German Cockroaches to 05:31 Ultrasound Emitted from a Random Ultrasonic 05:31	4 5 6 7 8 9 10 11 12 13 14	found" yes, I see that. Q. So do you understand, based on this, that 05:33 in this test the cockroaches found in the conduits 05:33 connecting the chambers were not counted as repelled? 05:33 A. That's what they said, yes. 05:33 Q. Okay. And that point passed scrutiny of 05:33 peer review; right? 05:33 MR. OSTOJIC: Object to form, foundation. 05:33 BY THE WITNESS: 05:33 A. Because the peer review panel did not 05:33 include me. 05:33 BY MR. KOPEL: 05:33
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1 A Do you consider my section to 20024	1 DV THE WITNESS.
1 A. Do you consider my report to be a 05:34	1 BY THE WITNESS: 05:36
2 publication? 05:34	2 A. If the universe of population and — and 05:36
Q. Other than your report, please. 05:34	3 the generally accepted if entomologists look at 05:36
4 A. I can't answer I can't ask you 05:34	4 these three citations or papers that we looked at and 05:37
5 questions. Sorry. 05:34	5 developed generally accepted from them, then, yes. 05:3
6 I can't today, you know, without 05:34	6 BY MR. KOPEL: 05:37
7 doing a full literature search, describe or enumerate 05:34 8 any publication that counted. 05:34	7 Q. I'd like to ask you, please, some 05:37
	8 questions about your rebuttal report in this case, 05:37 9 which I think we marked as Exhibit 2. 05:37
9 Q. Having reviewed these publications, would 05:34 10 you agree that it's generally accepted in the field 05:34	
10 you agree that it's generally accepted in the field 05:34 11 as an acceptable practice to not label insects found 05:34	10 Okay. Please turn to Page 5. 05:37 11 So it looks like the first criticism 05:37
11 as an acceptable practice to not label insects found 05:34 12 in the conduit as repelled? 05:35	12 you had towards the i2L study is that there was no 05:37
_	5 13 control for the physical presence of the repeller; 05:37
14 to these publications, and also may call for 05:35	14 correct?
15 speculation. 05:35	15 A. Yes. 05:37
16 But go ahead. 05:35	16 Q. Okay. Now, can you explain how the 05:37
16 But go anead. 05:35 17 BY THE WITNESS: 05:35	17 physical presence of the repeller could have been a 05:38
18 A. In these publications that we reviewed 05:35	18 confounding variable? 05:38
19 today, it appears that way. 05:35	19 A. It could have an odor to it. There could 05:38
20 BY MR. KOPEL: 05:35	20 be a lot of things. The fact that it's not there, 05:38
21 Q. Would you say that based on reviewing 05:35	21 that it's not present or controlled for is the 05:38
22 several peer-reviewed publications that did this 05:35	22 deficiency because you don't know what it could be 05:3
23 practice, that it is a generally acceptable practice 05:35	23 unless you did the test that way. 05:38
24 in the field to do it that way? 05:35	24 Q. So would you agree that the possibilities 05:38
25 A. Well 05:35	25 really in terms of this being a deficiency is that it 05:38
Page 254	
1 MR. OSTOJIC: Object to form. 05:35	1 could either, A, cause pests to move away from the 05:33
2 But go ahead. 05:35	2 physical presence of the repeller; or, B, cause pests 05:38
3 BY THE WITNESS: 05:35	3 to move towards the physical presence of the 05:38
4 A. It's certainly something that you could 05:35	4 repeller? 05:38
5 emulate. If you were designing your own protocol and 05:35	5 A. No, I'm not saying anything about how 05:38
6 you went to the literature and saw these three 05:35	6 they move. 05:38
7 publications, it would seem reasonable to me that you 05:35	7 I'm just saying that the conditions 05:38
8 could you could, you wouldn't have to, but you 05:35	8 are not identical. The conditions as set up there 05:38
9 could design the types the same way and have the 05:36	9 are not identical. 05:38
10 categories of repelled, not repelled or active, 05:36	Q. But can you explain why it's important to 05:38
11 not active active, you know, the chambers, and not 05:36	11 control for this? 05:39
12 count the whatever number of insects were in the 05:36	12 A. Oh, it's a variable. There's a 05:39
13 connecting tube, which I continue to say is they 05:36	13 there's something present in one cube that's not 05:39
	14 present in every other cube. 05:39
14 flaw. 05:36	
14 flaw. 05:36 15 BY MR. KOPEL: 05:36	15 Q. Okay. So when you say this is a 05:39
	16 variable, is the concern that the physical presence 05:39
15 BY MR. KOPEL: 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39 20 Q. Okay. And the concern would be either 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36 19 publications that we've reviewed now, would you say 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36 19 publications that we've reviewed now, would you say 05:36 20 that it is accepted within the field to have a 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39 20 Q. Okay. And the concern would be either 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36 19 publications that we've reviewed now, would you say 05:36 20 that it is accepted within the field to have a 05:36 21 protocol in which the insects found in the conduit 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39 20 Q. Okay. And the concern would be either 05:39 21 that the physical presence itself would repel the 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36 19 publications that we've reviewed now, would you say 05:36 20 that it is accepted within the field to have a 05:36 21 protocol in which the insects found in the conduit 05:36 22 are not counted as repelled? 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39 20 Q. Okay. And the concern would be either 05:39 21 that the physical presence itself would repel the 05:39 22 insects or the physical presence itself would attract 05:39 23 the insects; right? 05:39 24 A. It could have any kind of effect on the 05:39
15 BY MR. KOPEL: 05:36 16 Q. I appreciate your response. 05:36 17 I asked a very specific question, 05:36 18 and that was: Based on these peer-reviewed 05:36 19 publications that we've reviewed now, would you say 05:36 20 that it is accepted within the field to have a 05:36 21 protocol in which the insects found in the conduit 05:36 22 are not counted as repelled? 05:36 23 MR. OSTOJIC: Object to form, foundation. 05:36	16 variable, is the concern that the physical presence 05:39 17 of the repellers could affect the movement of the 05:39 18 insects in the test? 05:39 19 A. That's that's my that's a concern. 05:39 20 Q. Okay. And the concern would be either 05:39 21 that the physical presence itself would repel the 05:39 22 insects or the physical presence itself would attract 05:39 23 the insects; right? 05:39 24 A. It could have any kind of effect on the 05:39 25 insects. 05:39

1			
^	Q. But the concern with how this might 05:39	1	BY THE WITNESS: 05:41
2	affect the end data from our control study here is 05:39	2	A. Are you are you asking me if we have a 05:42
3	one of those two things; correct? 05:39	3	space with a homeowner has a space with a repeller 05:42
4	A. It could affect the behavior of the 05:39	4	and without a repeller and what the effect would be? 05:42
5	insects, and by saying observe behavior, that in this 05:39	5	BY MR. KOPEL: 05:42
6	issue is the locomotion direction of their movement. 05:39	6	Q. No. 05;42
7	Q. Okay. Would you agree that there's a 05:40	7	A. Okay. Try again then. 05:42
8	difference between testing the efficacy of a device 05:40	8	Q. Okay. Would you agree that it's unlikely 05:42
	and testing the efficacy of its output? 05:40	9	that the homeowner would have the physical repeller 05:42
0	A. Testing the presence of a device and		that's not active in its house? 05:42
	the 05:40	11	MR. OSTOJIC: Object to form, foundation. 05:42
2	MR. OSTOЛС: Do you want it read back? 05:40		May call for speculation. 05:42
3	THE WITNESS: Yes, read back, please. 05:40	13	But go ahead. 05:42
			BY THE WITNESS: 05:42
4	MR. KOPEL: Let me rephrase. 05:40		
	BY MR. KOPEL: 05:40	15	
6	Q. Would you agree there's a difference 05:40	16	
	between testing the effectiveness of a device and 05:40		going to plug it in. 05:42
8	testing the effectiveness of its output? 05:40		BY MR. KOPEL: 05:42
9	A. There's a there could be a difference. 05:40	19	Q. So the alternatives are either the 05:42
20	You'd want to test it to find out. 05:40	20	homeowner likely has an activated device or has no 05:42
21	Q. Okay. So in this instance were we trying 05:40	21	device at all; correct? 05:42
22	to determine in this case the effectiveness of the 05:40	22	MR. OSTOJIC: Object. Same object form, 05:42
23	device or the effectiveness of the output? 05:40	23	foundation. 05:42
24	A. It's all in one. You can't separate them 05:40	24	BY MR. KOPEL: 05;42
25	because the device is emitting the sound. 05:41	25	Q. Against that backdrop don't you think it 05:42
	Page 258		Page 260
1	Q. Well, let's say, in fact 05:41	1	was perfectly reasonable to use no device for the 05:42
1 2	Q. Well, let's say, in fact 05:41A. And that's why I talk that's precisely 05:41		was perfectly reasonable to use no device for the control when we're seeking to determine the 05:43
	Ç,, , ,	2	
2	A. And that's why I talk that's precisely 05:41	3	control when we're seeking to determine the 05:43
2 3 4	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41	2 3 4	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? 05:43
2 3 4 5	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41	2 3 4 5	control when we're seeking to determine the effectiveness of the device rather than the o5:43 effectiveness of its ultrasonic sound waves? 05:43 A. Was your question perfectly reasonable? 05:43
2 3 4 5 6	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41	2 3 4 5	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? 05:43 A. Was your question perfectly reasonable? 05:43 is that how you started it? 05:43
2 3 4 5 6 7	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41	2 3 4 5 6 7	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? 05:43 As that how you started it? 05:43 Q. Against that backdrop don't you think it 05:43
2 3 4 5 6 7 8	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41	2 3 4 5 6 7 8	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? 05:43 A. Was your question perfectly reasonable? 05:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control 05:43
2 3 4 5 6 7 8 9	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41	2 3 4 5 6 7 8	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of 05:43
2 3 4 5 6 7 8 9	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41	2 3 4 5 6 7 8 9	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its O5:43
2 3 4 5 6 7 8 9 10	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41	2 3 4 5 6 7 8 9 10	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? 05:43 A. Was your question perfectly reasonable? 05:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? 05:43
2 3 4 5 6 7 8 9 10 11 12	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41	2 3 4 5 6 7 8 9 10 11 12	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of 05:43 when we are seeking to determine the effectiveness of 05:43 ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. O5:43
2 4 5 6 7 8 9 10 11 12	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41	2 3 4 5 6 7 8 9 10 11 12 13	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. O5:43 But go ahead. O5:43
2 3 4 5 6 7 8 9 10 11 12 13	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 BY THE WITNESS: O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 A. It depends on the person who for me O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? 05:43 A. Was your question perfectly reasonable? 05:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its 05:43 MR. OSTOJIC: Object to the form. But go ahead. 05:43 BY THE WITNESS: 05:43 A. It depends on the person who for me 05:43 the answer would be no. 05:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15	control when we're seeking to determine the effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? 05:43 A. Was your question perfectly reasonable? 05:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its 05:43 MR. OSTOJIC: Object to the form. But go ahead. 05:43 BY THE WITNESS: 05:43 A. It depends on the person who for me 05:43 the answer would be no. 05:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it Was perfectly normal to use no device for the control When we are seeking to determine the effectiveness of the device rather than effectiveness of its Ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 BY THE WITNESS: O5:43 A. It depends on the person who — for me U5:43 The answer would be no. O5:43 For Dr. Potter apparently the answer U5:43 Sis yes. O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it Was perfectly normal to use no device for the control When we are seeking to determine the effectiveness of the device rather than effectiveness of its Ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 BY THE WITNESS: O5:43 A. It depends on the person who — for me U5:43 The answer would be no. O5:43 For Dr. Potter apparently the answer U5:43 Sis yes. O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it Was perfectly normal to use no device for the control When we are seeking to determine the effectiveness of the device rather than effectiveness of its Ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 BY THE WITNESS: O5:43 A. It depends on the person who — for me U5:43 The answer would be no. O5:43 For Dr. Potter apparently the answer U5:43 Sis yes. O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41 alternative to having for homeowners to having the 05:4	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of 05 the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 A. It depends on the person who for me the answer would be no. To Dr. Potter apparently the answer U5:43 It would not be perfectly normal. O5:43 BY MR. KOPEL: O5:43 O5:43 O5:43 O5:43 O5:43 O5:43
2 4 5 6 7 8 9 11 12 13 14 15 16 17 18 20 21	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41 alternative to having for homeowners to having the 05:4 device present in their house? 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 A. It depends on the person who for me the answer would be no. O5:43 For Dr. Potter apparently the answer U5:43 It would not be perfectly normal. O5:43 BY MR. KOPEL: O5:43 O5:43 O5:43 O5:43
2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41 alternative to having for homeowners to having the 05:41 device present in their house is to not have the 05:41 MR. OSTOJIC: Object to form, foundation. 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 BY THE WITNESS: O5:43 A. It depends on the person who for me O5:43 For Dr. Potter apparently the answer O5:43 It would not be perfectly normal. O5:43 Q. What about reasonable? Let me I O5:43 Probably should have said reasonable. O5:43
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41 alternative to having for homeowners to having the 05:41 device present in their house? 05:41 MR. OSTOJIC: Object to form, foundation. 05:41 I'm not sure the question is understandable. 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. O5:43 BY THE WITNESS: O5:43 A. It depends on the person who for me O5:43 For Dr. Potter apparently the answer O5:43 It would not be perfectly normal. O5:43 BY MR. KOPEL: O5:43 Q. What about reasonable? Let me I O5:43 Probably should have said reasonable. A. I would want to test every variable. I O5:43
2 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22	A. And that's why I talk that's precisely 05:41 why I made the point that I did in deficiency. 05:41 Q. Let's say that the pests were 05:41 hypothetically repelled by the mere presence of the 05:41 repeller 05:41 A. Okay. 05:41 Q okay? Would that be relevant to the 05:41 Bell + Howell ultrasonic pest repeller's ability to 05:41 drive pests out? 05:41 A. It could be. It could be an additive 05:41 effect. 05:41 Q. And let's say the press mere presence 05:41 of the device hypothetically had the opposite effect 05:41 where it attracted insects, would that be relevant to 05:41 the efficacy of the device? 05:41 A. Yes. 05:41 Q. Okay. Would you agree that the 05:41 alternative to having for homeowners to having the 05:41 device present in their house is to not have the 05:41 MR. OSTOJIC: Object to form, foundation. 05:41 I'm not sure the question is understandable. 05:41 But go ahead. 05:41	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 20 21 22 23	effectiveness of the device rather than the effectiveness of its ultrasonic sound waves? A. Was your question perfectly reasonable? O5:43 A. Was your question perfectly reasonable? O5:43 Q. Against that backdrop don't you think it was perfectly normal to use no device for the control when we are seeking to determine the effectiveness of the device rather than effectiveness of its ultrasonic sound waves? O5:43 MR. OSTOJIC: Object to the form. But go ahead. O5:43 A. It depends on the person who for me the answer would be no. O5:43 For Dr. Potter apparently the answer Sistems. It would not be perfectly normal. O5:43 Q. What about reasonable? Let me I O5:43 A. I would want to test every variable. I O5:43 MR. OS-43 A. I would want to test every variable. I O5:43 MR. Kopel.: O5:43 O5:43

1 that contribute to variability. 05:44	1 houses; right? 05:47
2 And without that control, the 05:44	2 A. Yes. 05:47
3 negative control, you don't know what that what 05:44	3 Q. Okay. How about glass? 05:47
4 the mere presence of the ultrasonic repeller is. 05:44	4 A. Yes. 05:47
5 Now, how important is that in the 05:44	5 Q. Okay. And these are things that insects 05:47
6 grand scheme of things, I can't say. 05:44	6 can harbor in; correct? 05:47
7 But it is a it it's a concern 05:44	7 A. I don't know about glass. 05:47
8 to me. It's a deficiency in my mind. 05:44	8 Q. Well, how about a cardboard box? 05:47
9 Q. Let's say that the device's ultrasonic 05:44	9 A. They could, but I don't 05:47
10 sound waves were infective to repel, but the presence 05:4	10 Q. Okay. So don't you think it would be 05:47
11 of the device itself was effective to repel, would 05:44	11 reflective of real-world conditions to have 05:48
12 the device then be effective? 05:44	12 harborages in the test just like they might have in 05:48
13 A. You just said it would, yeah. 05:44	13 people's residences? 05:48
14 As a hypothetical you said if it was 05:44	14 A. Not when you're trying to discern or 05:48
15 effective, would it be effective. 05:44	15 tease out the effect the ultrasonic repeller. 05:48
16 Yes. 05:44	16 This is a very simple question. The 05:48
17 Q. Okay. So because of that don't you think 05:44	17 ultrasonic repeller either repels insects or it does 05:48
18 it's important to test for whether when you have a 05:44	18 not repel insects. 05:48
19 repeller versus when you don't have a repeller? 05:44	Nowhere are we asking whether we're 05:48
20 A. Yes, that's certainly important. 05:44	20 in where there's cardboard involved or sofas 05:48
21 Or repeller on, repeller off. 05:44	21 involved or anything. 05:48
Q. Can you please turn to Page 7. 05:45	22 You're just asking the question, 05:48
23 A. Okay. 05:45	23 very simply: Does the repeller do what the product 05:48
Q. Okay. Do – do you contend that the use 05:45	24 is claimed to do? 05:48
25 of a harborage in the i2L experiments invalidates 05:45	25 Q. Okay. But don't you agree that it would 05:48
Page 262	Page 264
1 their results? 05:46	1 be more reflective of real-world conditions to have a 05:48
2 A. In the way that they used them, yes, 05:46	2 harborage in the test? 05:48
3 Q. Why? 05:46	3 A. No, it's not the purpose of that test. 05:48
4 A. Well, again, there was no negative 05:46	4 Q. Well, now 05:48
5 control for the presence of the harborages. 05:46	5 A. That's the purpose of 05:48
6 And even more important, I think, is 05:46	6 Q. Who ran the test, you or somebody else? 05:48
7 the fact that ultrasonic sound from the 05:46	7 A. No, you're right. It's Potter's 05:48
8 Black & Decker sorry from the Bell + Howell 05:4	
9 repellers does not penetrate cardboard, does not 05:46	9 demonstrate that in a fully-occupied house, okay, 05:49
10 penetrate glass for ants, so the fact that these 05:46	10 that has furniture, maybe that's his simulation 05:49
11 harborages were in place and the insects were 05:46	11 there is the harborage, that these devices can repel 05:49
-	612 insects in the harborage. 05:49
13 not make any sense to me. 05:46	But the product literature does not 05:49
Q. What do you mean by a negative control 05:46	14 claim. It claims that it repels. It doesn't claim 05:49
15 for the harborages? 05:46	15 that it repels things out of furniture or out of 05:49 16 cardboard. 05:49
16 A. Negative control is in this case it 05:46	
17 would be it would be easily tested, as I say here, 05:47 18 by using arenas with and without harborages. 05:47	17 Q. Can the product repel things out of 05:49 18 furniture or cardboard? 05:49
	19 A. If the insects cannot are not exposed 05:49
20 have a chamber that did not have a harborage. 05:47 21 Q. Wouldn't you agree that people's houses 05:47	20 to the ultrasonic waves, then they would not be 05:49 21 repelled from the ultrasonic waves. 05:49
21 Q. Wouldn't you agree that people's houses 05:47 22 contain furniture? 05:47	22 Q. So if you have insects inside furniture 05:49
22 contain furmure? 05:47 23 A. I would. 05:47	
24 Q. Yeah. And it wouldn't be unacceptable to 05:47	23 or cardboard in a house where the ultrasonic pest 05:49 24 repeller is plugged in, the ultrasonic pest repeller 05:49
25 expect that people might have cardboard in their 05:47	25 would not be effective to repel or drive out those 05:50
	25 would not be effective to reper or three out mose 05.30
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1 insects; correct? 05:50	1 they need food, they need water, and they are born to 05:51
2 MR. OSTOJIC: Object to form. 05:50	2 breed. 05:51
3 BY THE WITNESS: 05:50	3 Q. What do you mean by safety? 05:51
4 A. If the insects are not exposed to the 05:50	4 A. Oh, they feel protected. 05:52
5 ultrasonic sound, then there would be no effect on 05:50	Francis Franci
6 them. You would not expect that, and it's clearly 05:50	6 a place with harborage; correct? 05:52
7 stated in the product literature. 05:50	7 A. Well, cockroaches and ants do, which are 05:52
8 Q. Okay. So it sounds to me, and correct me 05:50	8 the case here. 05:52
9 if I'm wrong, like the issue that you're taking 05:50	9 Q. And those are areas where the the 05:52
10 with this test is that it had the wrong objective, 05:50	10 Bell + Howell repellers cannot reach; correct? 05:52
11 not that it was invalid, it had the wrong objective; 05:50	A. Ultrasound cannot reach them. Clearly 05:52
12 is that correct? 05:50	12 stated on the product literature. 05:52
13 A. One is 05:50	13 Q. Okay. Let's talk about the pheromones, 05:52
14 MR. OSTOJIC: Object I'm sorry. 05:50	14 please. 05:52
15 Mischaracterizes his prior 05:50	15 And I I suspect that the issue 05:52
16 testimony. 05:50	16 here is similar to the last one. 05:52
But go ahead. You've answered. 05:50	Would you agree that in a in a 05:52
18 BY MR. KOPEL: 05:50	18 residence that has an insect infestation that the 05:52
19 Q. Is that correct? 05:50	19 insects would have left pheromones in that house? 05:52
20 A. That's one of my criticisms, if you will, 05:50	20 MR. OSTOJIC: Object to form, but go ahead. 05:52
21 of the 05:50	21 BY THE WITNESS: 05:52
Q. But what I was saying was correct, that 05:50	22 A. Yes. 05:52
23 it's it's a matter of your your criticism in 05:50	23 BY MR. KOPEL: 05:52
24 this instances when we're talking about the 05:50	Q. Okay. So in that respect would you agree 05:52
25 harborages is that the test had the wrong objective. 05:50	25 that the i2L testing was emulative of real-world 05:52
Page 266	Page 268
1 It's not that it was an invalid 05:50	1 conditions in the event of an insect infestation? 05:52
2 test, it had the wrong objective as as it relates 05:50	2 MR. OSTOJIC: Same objection, 05:53
3 to this case in your opinion; correct? 05:51	3 Go ahead, 05:53
4 MR. OSTOJIC: Same objection. 05:51	4 BY THE WITNESS: 05:53
5 But go ahead. 05:51	5 A. To a to an extent. 05:53
6 BY THE WITNESS: 05:51	6 Because one harborage in a testing 05:53
7 A. In addition, the harborages protected the 05:51	7 chamber is not the same as a room that has different 05:53
8 insects from the ultrasound. 05:51	8 possible nesting sites where aggregation pheromones 05:53
9 As soon as they stick their little 05:51	9 could be deposited. 05:53
10 head outside of that harborage, it's likely that they 05:51	10 BY MR. KOPEL: 05;53
11 were going to be exposed to the ultrasonic. 05:51	11 Q. But people don't live in Plexiglass 05:53
So you so the fact that the 05:51	12 cubes; right? 05:53
13 insects did not move in Dr. Potter's test does not 05:51	13 A. No. 05:53
14 surprise me, it's what I wrote in my report, because 05:51	14 Q. Okay. Where people live there 05:53
15 they were protected. 05:51	15 A. Well 05:53
16 BY MR. KOPEL: 05:51	16 Q. Where people live if there is an insect 05:53
Q. Where do insects typically nest inside of 05:51	17 infestation, there is more likely to be deposits of 05:53
18 the house? 05:51	18 pheromones than there would be in a Plexiglass cube; 05:53
19 MR. OSTOJIC: Object to form, foundation. 05:51	19 correct? 05:53
20 BY THE WITNESS: 05:51	20 MR. OSTOJIC: Object to form. 05:53
21 A. Any place that suits their requirements. 05:51	21 BY THE WITNESS: 05:53
22 BY MR. KOPEL: 05:51	22 A. Yes, I think Dr. Potter stated that, 05:53
23 · Q. And what's that? 05:51	23 That's one of the reasons he used a 05:53
24 A. Usually I mean I I would I would 05:51	24 harborage is because his objective was to test, in 05:53
25 list put a list together. It would be safety, 05:51	25 his words, under real-world conditions. 05:53
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1 420 207	Page 269

1	BY MR. KOPEL:	05:53	. 1	A. Ones that I know of, yes. 0	5:56
2	Q. So here, too, would you agree that	•	2	Q. Okay. So in this regard, if we're	05:56
3	criticism with regards to the pheromones is	s not so 05:5	3 3	comparing the space used, between a larger spa	ice in a 05:56
4	much as that the test results are invalid as	much as 05:53	4	house and a smaller space in a cube enclosure,	05:56
5	that you believe he had the wrong testing of	objective; 05:5	4 5	wouldn't you agree that the cube enclosure is n	nore 05:56
6	is that correct? 05	:54	6	advantageous to showing repellency effects that	in you 05:56
7	A. That's certainly correct, that he ha	.d 05:54	7	would have in a larger house?	05:56
8	in my opinion the wrong testing objective		54 8	A. I think it would be because you should	1 be 05:56
		:54		able to control for it, and you've got captive	05:56
0	But because sound ultrasound			insects that can't, you know, hide all around the	
-	cannot penetrate these harborages, that's ar			place. 05:56	
	flaw. 05:54		12	Q. So in this regard if if a repeller is	05:56
3				shown to be infective in the more advantageou	
_	Q. Well, if your objective is to see if		-	•	
	Bell + Howell repellers can drive pests out			environment, wouldn't it be reasonable to come	
	house, would this have been an appropriat	-		conclusion that it would also not be effective in	
	structure the experiment?	05:54		less advantageous environment?	05:57
7	MR. OSTOЛС: Object to form, found			v i	05:57
8		5:54		hypothetical. States facts that are not in evider	
9	BY THE WITNESS:	05:54	19	But you can answer. 05:	57
20	A. In Potter's opinion, yes; but, again	ı, I 05:54	20	BY THE WITNESS:	05:57
21	say that's not the claim being made by the	05:54	21	A. I	
22	Bell + Howell repellers.	05:54	22	THE WITNESS: Would you repeat the qu	uestion? 05:57
23	BY MR. KOPEL:	05:54	23	MR. KOPEL: Can you please read it back	c? 05:57
24	Q. Oh, sure. 05	:54	24	(WHEREUPON, the record w	as 05:57
25	And but please listen carefully	05:54	25	read by the reporter.) 05:5	7
		Page 2	0		Page 27
1	to my question. 05:54		1	MR. OSTOЛС: Same objections.	05:57
2	A. 1 did. 05:54		2	THE WITNESS: Wow, that's a long	one. 05:5
3	Q. If you wanted to test whether or not the	05:54	3	Is it possible to break that up in	to 05:57
4	Bell + Howell ultrasonic pest repellers are capa	ble 05:55	4	a couple questions?	05:57
5	of driving pest out of the house, in that instance	do 05:55	5	MR. KOPEL: Sure.	05:57
6	you would you agree that the i2L tests were	05:55	6	BY MR. KOPEL:	05:57
7	conducted properly? 05:5	55	7	Q. So we've agreed that testing in a	smaller 05:57
8	A. If my - 05:55		8	space is more advantageous to showing a	repellent 05:
9	MR. OSTOЛС; Same objection.	05:55		•	5:58
10	Go ahead. 05:55		10		
)5:55	11		
12	A. If my objective was to determine wheth		1	•	05:58
	the Bell + Howell ultrasonic repellers could rep		13		
	•		14		
	pests out of the house, I would have used real	05:55			
	house houses and rooms. I would not have u			a less advantageous excuse me. Let m	
	relied, state my claim on lab scale experiments.	05:55	16	-	05:58
		:55	ŀ	more advantageous space to showing a re	
18	Q. Would you agree that use of these sma		1	effect, shows that there is no repellency e	
	cubes is actually more advantageous to showing		l l	wouldn't it be reasonable to draw a concl	
	repellency effect given the smaller space than y	ou 05:55	20	on that, that there would be no repellency	effect in 05:58
20	would find in a house? 05:	55	21	a house, which is a less advantageous en	vironment? 05
			22	MR. OSTOЛС: Object. Form, four	dation, 05:5
21	A. If it doesn't have any sound shadow	05:55			
21 22	A. If it doesn't have any sound shadow something that creates a sound shadow.	05:55 05:56		incomplete hypothetical, and assumes fac-	ets not in 05:5
21 22	•		23	- · · ·	ets not in 05:5
21 22 23 24	something that creates a sound shadow. Q. Wel!, all houses have things that can	05:56	23	evidence. 05	

	1 11 117 W. 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	• 10==v v
1	BY THE WITNESS: 05:58	1	A. Not those that we I do not have any 06:01
2	A. It's not I the answer the short 05:58	2	recollection of that. 06:01
3	answer to your question is is yes. 05:58	3	The point I'm trying to make here is 06:01
4	But but, again, to go back to 05:58	4	that for testing insects that are that where 06:01
5	the the claims on the label of this repeller don't 05:58	5	your results are dependent upon locomotion in a lab 06:01
6	require that you have harborages or sofas or chairs 05:59	6	scale, controlled environment, what you want to do is 06:01
7	or walls. 05:59	7	encourage locomotion. 06:01
8	BY MR. KOPEL: 05:59	8	And when you feed them and you put 06:02
9	O. So even if the repellers don't work in an 05:59	9	them in a harborage with aggravation pheromones and 06:02
0	environment where you have all the furniture you just 05:59	10	protect them from the repeller, you're not 06:02
	mentioned, the claims would still be correct because 05:59	l	encouraging locomotion. 06:02
	the packaging does not mention those items; is that 05:59	12	They're certainly expected to stay 06:02
	what you're saying? 05:59		where they are. 06:02
4	A. That's 05:59	14	Q. If insects have infested somebody's 06:02
5	MR. OSTOJIC: Object to form, foundation, 05:59	'	kitchen, would you expect that those insects are 06:02
	incomplete hypothetical, misstates the evidence. 05:59		starving? 06:02
		17	MR. OSTOJIC: Object to form, foundation, 06:02
7	But go ahead. 05:59 BY THE WITNESS: 05:59		BY THE WITNESS: 06:02
		19	A. It depends on the cleanliness, but I 06:02
9	A. That's what I'm saying. 05:59	1	
	BY MR. KOPEL: 05:59	1	wouldn't know. I mean if they are — if there's 06:02
1	Q. Can we talk about the starvation concept 05:59		adequate food, crumbs and everything around, I would 06:02
	that you're talking about on Page 8 here. 05:59		expect they're not starving. 06:02
3	Is it your contention that the 05:59		BY MR. KOPEL: 06:02
	repellers would be less likely to have a repellent 06:00	24	Q. But would you do you believe most 06:02
25	effect if insects are satiated? 06:00 Page 274	25	kitchens would have adequate crumbs or food that 06:02 Page 2'
1	A. It would be less likely to see the 06:00	1	insects could access; right? 06:02
	repellent effect because they're not encouraged to 06:00	2	, , ,
	seek out any food, they're satiated. 06:00	3	Q. Insects can get inside of people's 06:02
4	Q. And you cited some studies involving 06:00]	garbages; right? 06:02
	starvation here, and none of those studies were - 06:00	5	5 6 7 6
	none of those studies involved ultrasound; correct? 06:00		
7	,		•
	, ,		your like in your statistical analysis of the i2L 06:03
8			reports you added the missing pests in the conduit to 06:03
	objective of testing the effectiveness of a specific 06:00		the pests counted in the non-released chamber; 06:03
	repellent; did they? 06:00		correct? 06:03
1	A. No. 06:00	11	A. I did. 06:03
	Q. Okay. Have you found any studies 06:00	12	
	involving ultrasound in which the insects were 06:00		whether or not your same criticism would apply had 06:03
	starved? 06:00	14	you not done that? 06:03
5		15	A. I have to refer to this Reference 10. 06;03
	purpose of this criticism. 06:01	16	• 1
7		17	report we're on 06:03
	studies seeking to evaluate a repellent in which the 06:01	18	Q. Absolutely. I'm on Page 11. 06:03
9	insects were starved? 06:01	19	A. Okay. 06:03
0	A. Again, I cannot recall any. 06:01	20	Okay. And your question, again, now 06:04
•	Q. We've looked at several peer-reviewed 06:01	21	that I'm there. 06:04
	studies today; correct? 06:01	22	Q. Okay. So you had specific statistics- 06:04
1	J /	l	
21	A. Yes. 06:01	23	based criticism of the i2L data; correct? 06:04
21	A. Yes. 06:01	23 24	•
21 22 23 24	A. Yes. 06:01		A. Yes. 06:04

1	was a series of the series of	_	
•	see if that criticism would still apply had you not 06:04		manufacturer is held to the responsibility has the 06:07
2	added the missing pests in the conduit to the pests 06:04	2	responsibility to have the product perform according 06:07
3	counted in the non-released chamber? 06:04	3	to the claims made on the label. 06:07
4	A. I believe in working this up that I 06:04	4	So we were very specific. And we 06:07
5	considered that, but because the actual numbers in 06:04	5	were very specific because we weren't we 06:07
6	the in the tubes were not specified, I did not run 06:05	6	weren't we didn't want class action suits to be 06:07
7	the statistics on that. 06:05	7	filed against us. In Dow. 06:08
8	Q. Can you please turn to your initial 06:05	8	Q. When you gave an opinion about what you 06:08
9	report in this case. It's Exhibit 1 from earlier 06:05	9	think the interpretation of drives pests out means, 06:08
	today. 06:05		was that based on your own personal interpretation, 06:08
1	A. What page? 06:05		or was that based on how you believe consumers would 06:08
2	Q. Okay. Great. Please turn to Page 5. 06:05		interpret the phrase? 06:08
3	Okay. So I'm looking at Opinion 1 06:05	13	
			•
	here, and the last sentence states: "In my opinion 06:05	14	· ·
	if a customer does not follow the use instructions 06:05		on your own interpretation, or is it based on how you 06:08
	provided in succinct native language using common 06:05	[believe consumers would interpret the phrase? 06:08
	vernacular that is not overly burdensome to read and 06:05	17	•
	comprehend, then the customer has defaulted on	18	Go ahead. 06:08
9	his/her obligation to use the product in good faith 06:05	19	BY THE WITNESS: 06:08
0	and as intended by the entities; and, therefore, must 06:05	20	A. It's not an interpretation. It's what 06:08
1	take full responsibility for the end result to be at 06:05	21	the words say. 06:08
22	the desired result that the entities and the 06:05	22	BY MR. KOPEL: 06:08
23	customers intended or not." 06:06	23	Q. Okay. 06:08
:4	Do you see that? 06:06	24	A. Very clearly. It says, "drive pests 06:08
.5	A. I do. 06:06	25	out." 06:08
	Page 278		Page 2
1	Q. Okay. Do you agree that this is these 06:06	1	Q. Have you spoken to any consumers? 06:08
2	are things which are governed by applicable legal 06:06	2	A. I speak to consumers every day. I'm a 06;08
2	statutes or case law? 06:06		
J	statutes of case law:	3	consumer. 06:08
э 4	MR. OSTOJIC: Object to form, foundation. 06:06	3	
4			Q. I take that back, 06:08
4	MR. OSTOJIC: Object to form, foundation. 06:06	4 5	Q. I take that back. 06:08 Have you spoken to any consumers 06:08
4 5 6	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06	4 5 6	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08
4 5 6 7	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06	4 5 6 7	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08
4 5 6 7 8	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06	4 5 6 7 8	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08
4 5 6 7 8 9	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06	4 5 6 7 8 9	Q. I take that back, 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09
4 5 6 7 8 9	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06	4 5 6 7 8 9	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09
4 5 6 7 8 9 0	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06	4 5 6 7 8 9 10	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how the interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09
4 5 6 7 8 9 0 1 2	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06	4 5 6 7 8 9 10 11	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09
4 5 6 7 8 9 0 1 2 3	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06	4 5 6 7 8 9 10 11 12 13	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09
4 5 6 7 8 9 10 12 3 4	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06	4 5 6 7 8 9 10 11 12 13 14	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL:
4 5 6 7 8 9 0 1 2 3 4 5	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06	4 5 6 7 8 9 10 11 12 13 14	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09
4 5 6 7 8 9 0 1 2 3 4 5	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06	4 5 6 7 8 9 10 11 12 13 14	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09
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4 5 6 7 8 9 0 1 2 3 4 5 6 7	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06	4 5 6 7 8 9 10 11 12 13 14 15 16	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09
4 5 6 7 8 9 0 1 2 3 4 5 6 7 8	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09
4 5 6 7 8 9 10 12 13 14 15 16 7 18 9	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06 know, science or other specialized or technology 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint 06:09 Q. Okay. Have you done any sort of study or 06:09
4 5 6 7 8 9 10 12 13 14 15 16 7 18 19 19 19 19 19 19 19 19 19 19 19 19 19	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06 know, science or other specialized or technology 06:07 knowledge, or do you believe that this is common 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint 06:09 Q. Okay. Have you done any sort of study or 06:09 other examination of consumer insight in consumer 06:09
4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 20 21	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:07 knowledge, or do you believe that this is common 06:07 sense? 06:07 A. Both. And I'll I'll give you the 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09 Q. Okay. Have you done any sort of study or 06:09 other examination of consumer insight in consumer 06:09 preference regarding this phrase? 06:09 A. Regarding the phrase drive pests out? 06:09
4 5 6 7 8 9 0 1 2 3 4 5 6 7 8 9 20 21 22	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06 know, science or other specialized or technology 06:07 knowledge, or do you believe that this is common 06:07 sense? 06:07 A. Both. And I'll I'll give you the 06:07 the the example of my Dow employment. 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09 Q. Okay. Have you done any sort of study or 06:09 other examination of consumer insight in consumer 06:09 preference regarding this phrase? 06:09 A. Regarding the phrase drive pests out? 06:09 Q. Correct. 06:09
4 4 5 6 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 12 12 12 12 12 12 12 12 12 12 12 12 12	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06 know, science or other specialized or technology 06:07 knowledge, or do you believe that this is common 06:07 sense? 06:07 A. Both. And I'll I'll give you the 06:07 the the example of my Dow employment. 06:07 One of the reasons that I was very, 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09 Q. Okay. Have you done any sort of study or 06:09 other examination of consumer insight in consumer 06:09 preference regarding this phrase? 06:09 A. Regarding the phrase drive pests out? 06:09 Q. Correct. 06:09 A. Indirectly through that Amazon exercise I 06:09
4 4 5 6 6 7 8 9 9 10 11 11 12 13 13 14 15 16 17 18 19 22 22 22 23 22 4	MR. OSTOJIC: Object to form, foundation. 06:06 BY THE WITNESS: 06:06 A. I don't know case law. I I can't cite 06:06 government regulations. 06:06 What I can cite is the fact that if 06:06 someone buys a device, a TV, a whatever, it's 06:06 incumbent upon that customer to read how to use it 06:06 according to the manufacturer. 06:06 Or else if it's not used in 06:06 accordance with the manufacturer, then who knows what 06:06 the results going to be, and that customer has to 06:06 accept the responsibility. 06:06 That's what I say here. 06:06 Q. Do you base this this opinion on, you 06:06 know, science or other specialized or technology 06:07 knowledge, or do you believe that this is common 06:07 sense? 06:07 A. Both. And I'll I'll give you the 06:07 the the example of my Dow employment. 06:07	4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Q. I take that back. 06:08 Have you spoken to any consumers 06:08 about Bell + Howell ultrasonic pest repellers? 06:08 A. No. 06:08 Q. Do any do you have any data on on 06:08 how they interpret this phrase? 06:09 A. Only the depositions of Hart and Bueno. 06:09 Q. Do have you performed any sort of 06:09 conjoint analysis on this phrase? 06:09 MR. OSTOJIC: Sorry. What? 06:09 BY MR. KOPEL: Q. Have you performed any sort of conjoint 06:09 analysis regarding this phrase? 06:09 A. I don't understand conjoint. 06:09 Q. Okay. Have you done any sort of study or 06:09 other examination of consumer insight in consumer 06:09 preference regarding this phrase? 06:09 A. Regarding the phrase drive pests out? 06:09 Q. Correct. 06:09 A. Indirectly through that Amazon exercise I 06:09 went through that's in the report. 06:09

1 consumers interpret that phrase? 06:09	1 reviews turned out that consumers were dissatisfied 06:12
2 A. No, it doesn't. 06:09	2 with the product. 06:12
3 It tells you whether these certain 06:09	Would that have made you question 06:12
4 percentage of verified users were satisfied with the 06:09	4 your opinions in this case? 06:12
5 product. 06:10	5 A. I would have put that in the totality of 06:12
6 Q. How often did you take Amazon reviews 06:10	6 everything else, yeah, it would have been 06:12
7 into account in your time at Dow? 06:10	7 supplemental, additional data. 06:12
8 A. It would be an additional data point 06:10	8 Q. Now, you've expressed some opinions here 06:13
9 if if it was ever thought of being used. 06:10	9 in which you stated that you thought the testimony by 06:13
10 Q. Can you identify can you remember a 06:10	10 the plaintiffs were indicative of satisfied 06:13
11 single instance in which it was used? 06:10	11 customers. 06:13
12 A. Well, we didn't have to use Amazon 06:10	Do you recall that? 06:13
13 because we had real-world customers that we would 06:10	13 A. Yes, that's back in the original report, 06:13
14 bring in for focus groups and feedback workshops and 06:10	14 expert I don't know what number. No. 1 I guess. 06:13
15 didn't need to go to Amazon in Dow. 06:10	15 Q. Is that opinion based on scientific, 06:13
16 Q. Have you ever seen any sort of 06:10	16 technical, or other specialized knowledge, or do you 06:13
17 publication or peer-reviewed journal article which 06:10	17 think that's common sense based on reading the 06:13
18 takes Amazon reviews into account when evaluating the 06:10	18 transcript? 06:13
19 efficacy of a product? 06:10	19 A. It's it's my common sense. 06:13
20 A. No. 06:10	20 If you're going to go on, could you 06:13
Q. Do you think that taking Amazon reviews 06:10	21 tell me what page you're on so I can get to it. 06:13
22 into account when evaluating the efficacy of a 06:10	22 MR. KOPEL: All right. Let's take a break. 06:14
23 product is a generally accepted practice in the field 06:10	23 THE VIDEOGRAPHER: The time is 6;16. 06;14
24 of entomology? 06:11	24 We're off the record. 06:14
25 A. I don't know that I've ever seen that. 06:11	25
Page 282	Page 284
A A A A A A A A A A A A A A A A A A A	
1 But, like I said in my report, it's 06:11	1 (WHEREUPON, a recess was
But, like I said in my report, it's 06:11 2 not what I what I solely base my opinions on. 06:11	· · · · · · · · · · · · · · · · · · ·
2 not what I what I solely base my opinions on. 06:11	1 (WHEREUPON, a recess was
2 not what I what I solely base my opinions on. 06:11	1 (WHEREUPON, a recess was 2 had.) 06:20
2 not what I what I solely base my opinions on. 06:11 3 It's an extra data point. And I gather as much data 06:11 4 as I can. 06:11	1 (WHEREUPON, a recess was 2 had.) 06:20 3 THE VIDEOGRAPHER: The time is 6:22. 06:20
2 not what I what I solely base my opinions on. 06:11 3 It's an extra data point. And I gather as much data 06:11 4 as I can. 06:11	1 (WHEREUPON, a recess was 2 had.) 06:20 3 THE VIDEOGRAPHER: The time is 6:22. 06:20 4 We're back on the record. 06:20 5 BY MR. KOPEL: 06:20
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8 I mean I should read the report. 06:22 9 It's in one of these exhibits, but I didn't have 06:22 10 accests to their repellers. They did not report on 06:22 11 speaker size or shape or anything else. 06:22 12 Q. Okay. But despite not knowing speaker 06:22 13 size or shape or number, you still made a 06:22 14 determination that the results of the study were 06:22 15 relevant to determining the efficacy of the 06:22 16 Bell + Howell devices; correct? 06:22 17 MR. OSTOJIC: Object to form. 06:22 18 Go ahead. 06:22 19 BY THE WITNESS: 06:22 10 I to try to make the point that in their case — in 06:22 21 to try to make the point that in their case — in 06:22 22 their research one of their cockroach replications 06:23 23 created increase — significantly increased the 24 activity of cockroaches in that test; and, thereby, 25 that ultrasonic waves are capable of affecting the 06:23 23 Bell + Howell device in the Ballard study; correct? 06:23 24 A. They did not, 06:23 25 Q. Even though they didn't test the 06:23 26 Dr. Potter's reliance on studies where the 06:23 27 Bell + Howell device wasn't tested? 06:23 28 A. Well, Dr. Potter is making the 06:23 29 allegation. 06:23 20 A. Total raw amiking an affecting the 06:23 21 question. 06:24 21 would want to use the exact device that's under 06:25 22 question. 06:24 23 (C. Say, Is that any different than 06:23 24 contract of the contract of the object of the ob				
3 size in the Ballard study? 4 A. No. 06:21 5 Q. How about speaker direction? Did you do 06:22 6 any analysis of that? 6 06:22 7 A. No, I relied on their own words. 6 in mean I should read the report. 6 06:22 8 I mean I should read the report. 6 06:22 9 If sin one of these exhibitis, but I didn't have 06:22 11 speaker size or shape or anything else. 6 06:22 12 Q. Okay, But despite not knowing speaker 06:22 13 size or shape or namber, you still made a 06:22 14 determination that the results of the study were 06:21 15 relevant to determining the efficacy of the 06:22 16 Bell + Howell devices; correct? 17 MR. OSTOIIC: Object to form. 18 WTHE WITNESS: 18 Ga head. 19 BY THE WITNESS: 19 BY THE WITNESS: 10 Ge.23 21 created increase—significantly increased the 06:23 23 created increase—significantly increased the 06:23 24 scrivity of occrosechs in their case—in 06:22 24 scrivity of occrosechs. 25 that ultrasonic waves are capable of affecting the 06:23 25 that viltrasonic waves are capable of affecting the 06:23 26 Dr. Potter's reliance on studies where the 06:23 27 Q. Deven though they didn't test the 06:23 28 A. Well, Dr. Potter is making the 06:23 29 allegation. 06:23 10 Q. So you think using studies regarding 06:24 10 MR. OSTOIIC: Objection for make a 06:24 11 swing of the study word of a cockroach replication of of 22 12 their research one of their cockroach replications 06:23 25 that ultrasonic waves are capable of affecting the 06:23 26 Dr. Potter's reliance on studies where the 06:23 27 Q. Even though they didn't test the 06:23 28 A. Well, Dr. Potter is making the 06:23 29 Allegation. 06:23 10 MR. OSTOIIC: Objection for make a 06:24 11 befauvior of a cockroach. 06:23 12 question. 06:23 13 Q. So you think using studies regarding 06:23 14 other devices is acceptable in order to make a 06:24 16 determination of fineacy but not in order to make a 06:24 17 MR. OSTOIIC: Objection for make a 06:25 18 bits estimony. 06:25 19 BY HE WITNESS: 06:26 10 A. Tuesd their experience, their research 06:25 10 Cockroachs in that t	1		1	Q. Is what you're saying that it is 06:24
4 A. No. 66:21 Co. How about speaker direction? Did you do 06:22 Co. How about speaker direction? Did you do 06:22 Co. How about speaker direction? Did you do 06:22 Co. How about speaker direction? Did you do 06:22 Co. How about speaker direction? Did you do 06:22 Co. How about speaker direction? Did you do 06:22 Co. How are all speaker size or shape or anything else. 06:22 Co. But go abead. 06:24 Co. C	2	Q. Did you do any analysis of the speaker 06:21	2 a	acceptable to use studies of devices other than the 06:24
5 Q. How about speaker direction? Did you do 06:22 6 any analysis of that?	3	size in the Ballard study? 06:21	3 1	Bell + Howell repellers to make a finding of 06:24
6 any analysis of that? 7 A. No, I relied on their own words. 8 I mean I should read the report. 8 Co. 22 10 access to their repellers. They did not report on 9 It's in one of these exhibits, but I didn't have 10 access to their repellers. They did not report on 10 access to their repellers. They did not report on 10 access to their repellers. They did not report on 11 speaker size or shape or anything else. 12 Q. Okay. But despite not knowing speaker 13 size or shape or anything else. 14 determination that the results of the study were 15 relevant to determining the efficacy of the 16 Bell + Howell devices; correct? 16 Bell + Howell devices; correct? 17 MR. OSTOIIC: Object to form. 18 Go ahead. 19 BY THE WITNESS: 10 A. I used their experience, their research 10 6c.22 11 the value of the devices that are in question. Things are 12 deriver research one of febric cockroach replications. 12 deriver seearch one of febric rockroach replications. 13 created increase — significantly increased the 14 servitive of cockroaches in that test, and, thereby. 15 that ultrasonic waves are capable of affecting the 16 destartion of a cockroach. 17 destartion of a cockroach. 18 behavior of a cockroach. 19 destartion of a cockroach. 10 And if I was making the 11 would want to use the exact device that under 12 question. 13 Q. So you think using studies regarding 14 other devices is acceptable in order to make a 15 determination of a fefficacy?	4	A. No. 06:21	4 6	efficacy. However, it is not acceptable to do so in 06:24
7	5	Q. How about speaker direction? Did you do 06:22	5 I	making a finding of non-efficacy? 06:24
8	6	any analysis of that? 06:22	6	A. I don't think I'm saying that. 06:24
9 It's in one of these exhibits, but I didn't have 06:22 10 access to their repellers. They did not report on 06:22 11 speaker size or shape or anything else. 06:22 12 Q. Okay. But despite not knowing speaker 06:22 13 size or shape or anything else. 06:22 13 size or shape or number, you still made a 06:24 14 determination that the results of the study were 06:22 15 relevant to determining the efficacy of the 06:22 15 relevant to determining the efficacy of the 06:22 16 Bell + Howell devices; correct? 06:22 16 Bell + Howell devices; correct? 06:22 16 mornmercialization 20, 30 years ago because they 06:25 18 migroved, things change. 06:24 16 in commercialization 20, 30 years ago because they 06:25 18 migroved, things change. 06:25 19 Thave admitted that the frequency 06:25 18 migroved, things change. 06:25 19 Office the research one of their cockroach replications 06:23 20 and the decibels are important; but, again, even so, 06:25 21 you're not - there's so many things that - that 06:25 22 under forth elevices in that test; and, thereby, 06:23 24 you're going to want to use the devices that are at 06:25 24 you're going to want to use the devices that are at 06:25 24 you're going to want to use the devices that are at 06:25 25 38 Bell + Howell device in the Ballard study; correct? 06:23 26 Dr. Potter's reliance on studies where the 06:23 27 A. Those things being the physicality of - 06:25 28 A. Well, Dr. Potter is making the 06:23 29 A. Well, Dr. Potter is making an allegation, I 06:23 29 A. Yeah, and I have to have you repart it 06:24 21 World want to use the exact device that runder 06:24 28 MR. KOPEL: 06:26 29 Dr. Borth, I hanks for your 06:26 20 Correction	7	A. No, I relied on their own words. 06:22	7	MR. OSTOJIC: Objection, Mischaracterizes 06:24
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	25	A. Uh-huh. 06:24	25	Exhibit 13 for
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3 BY MR. OSTOJIC:		Marie - Marie		
3 BYMR, OSTOJIC: 06.24 4 Q. Dr. Borth, Exhibit 16 [sic] was 06.26 5 Defendants Disclosure of Retained Experts that 06.26 6 accompanied your reports and the reports of 06.26 7 Dr. Philip Whitford, okay. 06.26 8 Undermenth your name under the 06.26 9 No. 1, it indicates that you charge \$300 U.S. per 06.26 10 hour. 06.26 11 Do you see that? 06.26 12 A. 1 do. 06.26 13 Q. Is that the amount that you are charging 06.26 14 per hour for your work in this case? 06.26 15 A. Yes. Up - for any - any reports, for 06.26 16 depositions. It changes if if court appearance is 06.27 17 required. 06.27 19 there's a trial? 06.27 20 A. Yes. 06.27 21 Q. And what do you charge in the event that 06.27 22 there's a charge? 06.27 23 A. \$450 per hour. 06.27 24 Q. Okuy. And is that the extent of the 06.27 25 compensation you have charged in this case or will 06.27 26 being spidens, neaches, and ants, in the area that is 06.27 27 Covered by the sound waves of those devices; correct? 06.27 28 A. Yes. 06.27 29 Q. Based on your expertise, and, in 06.27 20 Court perfer in the case of the 06.27 3 Defendence of the office o	1	•		•
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5 Defendants' Disclosure of Retained Experts that 6 accompanied your reports and the reports of 6 06.26 6 C Dr. Philip Whitford, okay. 66.26 8 Underneath your name under the 66.26 9 No. I, it indicates that you charge \$300 U.S. per 10 hour. 66.26 11 Do you see that? 66.26 12 A. I do. 6.26 13 Q. Is that the amount that you are charging 66.26 14 per hour for your work in this case? 66.27 15 A. Yes, Up for any any reports, for 66.26 16 depositions. It changes if if court appearance is 66.27 17 required. 66.27 18 Q. Court appearance. By that you mean if 66.27 20 A. Yes. 66.27 21 Q. And what do you charge in the event that 66.27 22 there's a charge? 66.27 23 A. \$450 per hour. 66.27 24 Q. Okay. And is that the extent of the 66.27 25 compensation you have charged in this case or will 66.27 26 A. Yes. 66.27 27 covered by the sound waves of those devices; correct? 8 A. Yes. 66.27 10 particular, your expertise, and, in 66.27 11 development at Dow, is it reasonable for 66.27 12 Bell + Howell devices that were conducted before 2017 13 Bell + Howell devices that were conducted before 2017 14 Responsible for bell + Howell to rely upon the tests of 66.28 17 Q. Is it, based on your expertise, and, in 66.27 18 A. Yes. 66.28 19 conducted on the Bell + Howell repeller devices prior 66.28 17 Q. Is it as that those devices were indeed ultrasonic 66.28 18 Q. And the user instructions, yes. 66.29 19 A. Yesh, that's all contained. 66.29 11 listed that today. 11 used that today. 11 used that today. 12 ITHE WITNESS: I think they're in -werent? 66.29 14 MR. KOPEL: I don't believe so. 66.29 14 MR. KOPEL: I don't believe so. 66.29 15 MR. COSTOIIC: So you have the Whitford? 9 MR. KOPEL: Build inflore wand at the 66.30 14 mark as Deposition something very similar? 66.22 2 Let me see. If we did, Pil use 66.30 2 MR. KOPEL: I believe 66.30 3 MR. KOPEL: I believe 66.30 4 MR. KOPEL: I believe 66.30 5 MR. KOPEL: I believe 66.30 6 MR. KOPEL: Fine. 6 MR. KOPEL: Fine. 6 MR. KOPEL: No problem. 6 MR. KOPEL: No problem. 6 MR. KOPEL:	3			
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21 Q. And what do you charge in the event that 06:27 22 there's a charge? 06:27 23 A. \$450 per hour. 06:27 23 that. 06:30 24 Q. Okay. And is that the extent of the 06:27 25 compensation you have charged in this case or will 06:27 26:27 27 28 MR. KOPEL: This? 06:30 29 29 29 29 29 29 29 2				
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*	21	repel the pests enumerated in the product literature? 06:28	21	The second piece is the Ultrasonic 06:31
23 O. Sir, I want to talk a little bit about 06:28 23 O. Okay. Based on your expertise, and in 06:31	22	A. Yes. 06:28	22	Pest Repeller Owner's Manual. 06:31
	23	Q. Sir, I want to talk a little bit about 06:28	23	Q. Okay. Based on your expertise, and in 06:31
24 the product literature and the labeling with respect 06:28 24 particular the work you have done in your prior 06:31	24	the product literature and the labeling with respect 06:28	24	particular the work you have done in your prior 06:31
25 to the Bell + Howell devices, okay? 06:28 Page 291 25 employment in drafting, supervising, and approving 06:31 Page 2	25		1	employment in drafting, supervising, and approving 06:31 Page 29:

1	T		
	product literature and labeling, is the product 06:31	1	we we scrutinized every word that was used, as I 06:34
	literature that you find with respect to the . 06:31	2	did in reviewing these, and they're very clear. 06:34
3	Bell + Howell ultrasonic pest repeller accurate based 06:31	3	And I don't know how a customer 06:34
4	on all the analysis you have done in this case? 06:31	4	could read into this anything more than what's 06:34
5	A. Yes, it is. 06:31	5	stated, that they're going to drive pests out and 06:34
6	Q. Is the labeling and product literature 06:31	6	help help repel unwanted pests. 06:34
7	shown in Exhibit No. 14 true based on all of your 06:31	7	Q. Dr. Borth, is it true that your opinions 06:34
8	analysis in this case? 06:31	8	with respect to the labeling of product literature of 06:34
9	A. Yes, it is. 06:31	9	the Bell + Howell devices is based upon your specific 06:34
10	Q. Sir, is it your opinion that the 06:31	10	expertise in drafting, supervising, and working on 06:34
11	Bell + Howell devices which are the subject matter of 06:32	11	drafting similar product literature warnings and user 06:34
12	this lawsuit do indeed drive pests out from the area 06:32	12	instructions for products? 06:34
13	covered by the sound waves of the devices? 06:32	13	A. That's what I'm relying on, and that's 06:34
14	A. Yes. 06:32	14	why I feel I'm in an expert or qualified to talk 06:34
15	Q. Does Bell + Howell at any within any 06:32	15	about this, 06:34
16	part of its product literature claim that their 06:32	16	Q. Sir, earlier, many, many hours ago you 06:34
17	devices can penetrate walls? 06:32	17	gave a statement I believe at one point where the 06:35
18	A. No. 06:32	18	question was asked maybe with a double negative about 06:35
19	Q. Do the – does the product literature 06:32	19	the reasonableness of consumers in reading the 06:35
20	from Bell + Howell at all claim that its devices and 06:32	20	literature. 06:35
21	the sound waves emitted from those devices will drive 06:32	21	Do you recall that? 06:35
22	pests out from behind walls or under floors? 06:32	22	A. Vaguely. 06:35
23	A. No. 06:32	23	Q. Okay. Just so I'm clear, it's your 06:35
24	Q. Sir, based on your work in this case and 06:32	24	opinion, based upon your expertise, that the 06:35
25	your expertise, is it true that it is not reasonable 06:32	25	Bell + Howell product literature, the user 06:35
	Page 294		Page 296
1	given the Bell + Howell product language that 06:32	,	
1	given the ben \pm nowen product language that 00.32))	instructions are clear; correct? 06:35
	1 2 2	1	•
2	consumers would believe that the Bell + Howell 06:32	2	A. Yes. 06:35
2	consumers would believe that the Bell + Howell 06:32	2 3	A. Yes. 06:35 Q. And that consumers, based on your 06:35
2	consumers would believe that the Bell + Howell 06:32 devices would repel and drive pests out from behind walls or under floors? 06:33	2 2 3 4	A. Yes. 06:35 Q. And that consumers, based on your 06:35 expertise and what you've seen in the product 06:35
2 3 4 5	consumers would believe that the Bell + Howell 06:32 devices would repel and drive pests out from behind walls or under floors? 06:33 A. Just could you ask the first part of 06:33	2 2 3 4 5	A. Yes. 06:35 Q. And that consumers, based on your 06:35 expertise and what you've seen in the product 06:35 literature, should have understood that these 06:35
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2 3 4 5 6 7 8	consumers would believe that the Bell + Howell 06:32 devices would repel and drive pests out from behind 06:33 walls or under floors? 06:33 A. Just could you ask the first part of 06:33 that question again because it's a I think it's a 06:33 double negative. 06:33 MR. OSTOJIC: It is a double negative. Let 06:33	2 2 3 4 5 6 7 8	A. Yes. 06:35 Q. And that consumers, based on your 06:35 expertise and what you've seen in the product 06:35 literature, should have understood that these 06:35 ultrasonic repellers would repel and drive pests out 06:35 when the pests are exposed to the sound waves; 06:35 correct?
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2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	consumers would believe that the Bell + Howell 06:32 devices would repel and drive pests out from behind 06:33 walls or under floors? 06:33 A. Just could you ask the first part of 06:33 that question again because it's a I think it's a 06:33 double negative. 06:33 MR. OSTOJIC: It is a double negative. Let 06:33 BY MR. OSTOJIC: 06:33 BY MR. OSTOJIC: 06:33 Q. Sir, is it your opinion that it would not 06:33 be reasonable, given Bell & Howell's product 06:33 be reasonable, given Bell & Howell's product 06:33 purchasing the devices that the devices would repel 06:33 and drive pests out from behind walls or under 06:33 A. All right. I got it. 06:33 It would not be reasonable for 06:33 consumers to believe that based on the product 06:33 literature. 06:33 Q. Why not? 06:33	2 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	A. Yes. 06:35 Q. And that consumers, based on your 06:35 expertise and what you've seen in the product 06:35 literature, should have understood that these 06:35 ultrasonic repellers would repel and drive pests out 06:35 when the pests are exposed to the sound waves; 06:35 Q. And that does not mean that it would drive pests out that are protected from the sound waves, for instance, pests behind walls or under floors; correct? 06:35 MR. KOPEL: Objection. Leading. 06:36 BY THE WITNESS: 06:36 A. It does not mean that. 06:36 BY MR. OSTOJIC: 06:36 Q. Sir, earlier in the deposition you were 06:36 asked whether you had seen s-e-e-n any evidence 06:36 when pests were inside of a bed. 06:36
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	consumers would believe that the Bell + Howell 06:32 devices would repel and drive pests out from behind 06:33 walls or under floors? 06:33 A. Just could you ask the first part of 06:33 that question again because it's a I think it's a 06:33 double negative. 06:33 MR. OSTOJIC: It is a double negative. Let 06:33 me ask you this. 06:33 BY MR. OSTOJIC: 06:33 Q. Sir, is it your opinion that it would not 06:33 be reasonable, given Bell & Howell's product 06:33 literature, that consumers would believe in 06:33 purchasing the devices that the devices would repel 06:33 and drive pests out from behind walls or under 06:33 A. All right. I got it. 06:33 It would not be reasonable for 06:33 consumers to believe that based on the product 06:33 literature. 06:33 Q. Why not? 06:33 A. Because it doesn't say they do. It makes 06:33	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	A. Yes. 06:35 Q. And that consumers, based on your 06:35 expertise and what you've seen in the product 06:35 literature, should have understood that these ultrasonic repellers would repel and drive pests out 06:35 when the pests are exposed to the sound waves; 06:35 Q. And that does not mean that it would 06:35 Q. And that does not mean that it would 06:35 waves, for instance, pests behind walls or under 106:35 MR. KOPEL: Objection. Leading. 06:36 BY THE WITNESS: 06:36 A. It does not mean that. 06:36 BY MR. OSTOJIC: 06:36 Q. Sir, earlier in the deposition you were 06:36 asked whether you had seen s-e-e-n any evidence 06:36 when pests were inside of a bed. 06:36 Do you recall that? 06:36
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	Bell + Howell devices were then activated, for 06:36	1	•
2	instance, insects in the bed; correct? 06:36	1	legal language or legal meaning, and I don't know 06:3
3	A. I have not. 06:36	3	that I'm going I'm not a legalese person, so 06:38
4	Q. But is it and I think you asked the 06:36	4	contract is: We give you the you buy the product; 06:3
5	same question as to whether you've seen evidence of 06:3	6 5	here's the instructions on how to use it; if you use 06:39
6	the Bell + Howell devices with furniture and with 06:36	6	it according to these instructions, we claim it will 06:39
7	carpeting. 06:36	7	work the way we claim it will. If you don't use it 06:39
8	Do you recall that? 06:36	8	that way, then who is breaking the contract. It's 06:39
9	A. Yes. 06:36	9	not us, we've given it to you. It would be the 06:39
10	Q. Is it fair to say, though, even though 06:36		consumer, the enduser. 06:39
	you haven't seen those tests, it's still your opinion 06:36	11	MR. KOPEL: I'm going to I'm going to 06:39
	that the Bell + Howell devices are effective in 06:36	1	object to the extent that this line of questioning is 06:39
	repelling pests to the extent that the sound waves 06:36	E	asking an entomologist for his legal opinions. 06:39
	can reach those pests; fair? 06:36	14	Go on, 06:39
15	A. Yes, fair and correct. 06:37	1	BY MR. OSTOJIC: 06:39
		1	
16	Z	16	*
	whether or not you've seen tests involving furniture 06:37		
	and carpeting in the Bell + Howell devices? 06:37		whether that testing had been peer reviewed. 06:39
19	Does it matter with respect to your 06:37	19	•
	opinion that the Bell + Howell devices are effective 06:37	20	
	to repel pests? 06:37	21	-
22	MR. KOPEL: Can you repeat the question, 06:37	1	testimony. 06:39
23	please? 06:37	23	BY MR. OSTOJIC: 06:39
24	MR. OSTOJIC: Sure. 06:37	24	Q. Did did Dow, in performing testing on 06:39
25		25	products, ever publish the results of the testing of 06:39
	Page 298		Page 30
1	BY MR. OSTOЛС: 06:37		products? 06:40
2	Q. Let me ask you: Does it matter with 06:37	2	1
3	respect to your opinion that the Bell + Howell 06:37	3	development. 06:40
4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		-
	devices do repel pests that are exposed to the sound 06:37	4	•
5	waves from those devices, whether or not you've now 06:37		Certainly we did not and reserve 06:40 the right not to we didn't need to. 06:40
			the right not to we didn't need to. 06:40
6	waves from those devices, whether or not you've now 06:37	5 6	the right not to we didn't need to. 06:40 I mean if it was felt that it would 06:40
6	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37	5 6 7	the right not to we didn't need to. 06:40 I mean if it was felt that it would 06:40
6 7 8	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37	5 6 7	the right not to we didn't need to. 06:40 I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part we did not. 06:40
6 7 8	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37 A. My opinions are the same as what I've 06:37 stated in — in my reports. 06:38	5 6 7 8 9	the right not to we didn't need to. 06:40 I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part 06 we did not. 06:40
6 7 8 9	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37 A. My opinions are the same as what I've 06:37 stated in in my reports. 06:38	5 6 7 8 9	the right not to we didn't need to. 06:40 I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part 06 we did not. 06:40 We considered it proprietary for our 06:40
6 7 8 9 10 11	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37 A. My opinions are the same as what I've 06:37 stated in in my reports. 06:38 Q. Okay. Sir, you indicated during your 06:38 deposition when you were questioned about what 06:38	5 6 7 8 9 10	the right not to we didn't need to. I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part 06 we did not. 06:40 We considered it proprietary for our 06:40 own use. 06:40 Q. Do companies typically, when they're 06:40
6 7 8 9 10 11	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37 A. My opinions are the same as what I've 06:37 stated in in my reports. 06:38 Q. Okay. Sir, you indicated during your 06:38 deposition when you were questioned about what 06:38 Ms. Feuerstein said with respect to the product 06:38	5 6 7 8 9 10 11 12	the right not to — we didn't need to. I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part 06 we did not. 06:40 We considered it proprietary for our 06:40 own use. 06:40 Q. Do companies typically, when they're 06:40 developing and testing a new product, for instance, 06:40
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6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	waves from those devices, whether or not you've now 06:37 looked at tests where they included furniture or 06:37 carpeting or floors and walls? 06:37 A. My opinions are the same as what I've 06:38 stated in in my reports. 06:38 Q. Okay. Sir, you indicated during your 06:38 deposition when you were questioned about what 06:38 Ms. Feuerstein said with respect to the product 06:38 literature, and I believe one of your responses was: 06:38 Words in a product literature prevail. 06:38 A. Yes. 06:38 Q. What did you mean by that? 06:38 MR. KOPEL: Objection. That calls for a 06:38 legal conclusion. 06:38 MR. OSTOJIC: I'm asking what he meant. 06:38 BY THE WITNESS: 06:38 A. The way I think of product literature and 06:38 the way I operated in Dow, to the satisfaction of 06:38	5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	the right not to — we didn't need to. I mean if it was felt that it would 06:40 help commercialize, we would, but for the most part 06:40 We considered it proprietary for our 06:40 Own use. 06:40 Q. Do companies typically, when they're 06:40 developing and testing a new product, for instance, 06:40 of the product before putting the product out to 06:40 A. No. In fact, that's illegal. 06:40 Q. Okay. So is it fair to say that for most 06:40 product and manufacturers who test products, they 06:40 don't publish the results of their test; is that 06:40 A. That's true. Until commercialization, 06:40 and then there's the opportunity if they want to. 06:41 They're not obliged, obligated to. 06:41

	does that change the results of that testing or the 06:41 analysis? 06:41	1 2	MR. OSTOJIC: Sir, I don't have any further 06:43 questions. 06:43
3	A. No. 06:41	3	•
4	Q. Sir, is it improper to test a product 06:41	4	<u> </u>
5	contrary to its user instructions? 06:41	5	<u> </u>
6	A. No. 06:41		BY MR. KOPEL: 06:43
7	Q. Listen to the question. 06:41	7	
8	Is it improper to test a product 06:41		ultrasonic pest repeller, including all tests you've 06:43
	contrary to its user instructions in determining the 06:41		seen done on Bell + Howell repellers that did not 06:43
	effectiveness of the product? 06:41		include food? 06:43
11	•	11	
12	A. Is it improper? 06:41 Yes. 06:41	12	•
13	Q. Okay. Why? 06:41		commissioned by Intellitec on the Bell + Howell 06:44
14	A. Because go back to those words. 06:41		repellers, those all included food; correct? 06:44
15	It is the manufacturer who tells the 06:41	15	,
	customer how to use it. 06:41	16	Ç
17	If you're researching it or testing 06:41	17	1 1
	it in conflict with the user instructions, then 06:41	18	
19	there's no basis for any claims. 06:41	19	
20	Q. I I take it, sir, with most products 06:42		efficiency of the repeller maybe I should get it 06:44
21	there are pros and cons to products; correct? 06:42	21	back but to remove all food and so forth. 06:44
22	A. Always, yes. 06:42	22	Different different purpose. 06:44
23	Q. And I take it with each product there are 06:42	23	Q. I don't understand. 06:44
24	certain there are limitations to every product; 06:42	24	Is that is that a violation of 06:44
25	correct? 06:42	25	the instructions? 06:44
	Page 302		Page 304
1	A. Yes. 06:42	1	A. It's counter to what the instructions 06:44
2	Q. For instance, pesticides can be 06:42	2	say. 06:44
3	effective; true? 06:42	3	Q. Does that invalidate the results of those 06:44
4	A. They can be. 06:42	4	tests? 06:44
5	Q. If the pesticide is not used in 06:42	5	A. I don't think so. 06:44
6	accordance with its instructions, it its 06:42	6	Q. Okay. Does it does the fact that the 06:44
7	effectiveness will be decreased, if not nullified. 06:42	7	food was included in the tests commissioned by an i2L 06:45
8	Would you agree with that? 06:42	8	and ICR research lab, does that invalidate the 06:45
9	A. It could very well happen. 06:42	9	results of those tests? 06:45
10	Q. So if a pesticide is used to, for 06:42	10	A. Well, what it does is is causes you to 06:45
11	instance, eradicate pests from a home and you applied 06:42	11	ask a question, the questions that you're asking. 06:45
12	the pesticide inside the toilet, how effective would 06:42	12	It would be more straightforward if 06:45
	it be? 06:42		they didn't, then we could compare apples to apples. 06:45
14	A. It would not be effective at all. 06:42	14	But because they did, then we have 06:45
15	Q. Would that be true then with the 06:42		to ask these questions. 06:45
	Bell + Howell devices as with any device that's being 06:42	16	-
	used? 06:42		no one claimed in this room that they were perfect 06:45
18	A. Yes. Same same concept, same logic. 06:42		tests. 06:45
19	Q. Sir, when you gave your opinion that 06:42	19	
	the that the two named plaintiffs in this case who 06:42		and if you had the time and the resources, you would 06:45
	were deposed, that the devices used in their home, 06:42		test more and improve, test more and improve, so I 06:45
21	based on their testimony, actually was effective, was 06:43		don't see that that invalidates their their test. 06:45
	busing on their testimony, actually was effective, was 00.43	~~	
22	that based on your experience and knowledge as an 06:42	22	Maybe you weren't acking that 06:45
22 23	that based on your experience and knowledge as an 06:43	23	Maybe you weren't asking that. 06:45
22 23	that based on your experience and knowledge as an 06:43 expert in this field? 06:43 A. It sure was, 06:43	24	Maybe you weren't asking that. 06:45 Q. No, that's a that and when you say 06:45 you don't see that invalidates their tests, that was 06:45

	WITH THE STATE OF
1 referring to i2L and ICR; correct? 06:45	1 you off, but you might have misunderstood. 06:48
2 A. And China. 06;46	What if I told you that the Amazon 06:48
3 Q. Okay. Thank you. 06:46	3 rating that you've observed for this product in fact 06:48
4 Now when you talk about consumer 06:46	4 is below the average Amazon rating across all 06:48
5 understanding of these the claims on the label. 06:46	5 products on Amazon, would that change your opinion? 06:48
6 Can you identify what facts and data 06:46	6 MR. OSTOЛС: Object to form as to what 06:48
7 you have concerning consumer understanding of these 06:46	7 opinion, but go ahead and answer it. 06:48
8 claims? 06:46	8 BY THE WITNESS: 06:48
9 A. It's it's based on my experience. 06:46	9 A. I've never I've never said in the 06:48
10 I I have written labels and product literature for 06:46	10 reports or in this setting that Amazon the Amazon 06:48
11 enduser for customer use. 06:46	11 words that you see in that report are the sole basis 06:48
12 And the burden in that in that 06:46	12 for me rendering an opinion, It's supplemental data. 06:48
13 role is to and, as I said in here, make it 06:46	13 It's a piece of data. I look at all the data. It 06:48
14 succinct, make it understandable, use the native 06:46	14 certainly does not have the weight of the experiments 06:48
15 language for the customers. 06:46	15 that were that were done. 06:49
16 And I think that the Bell + Howell 06:46	16 BY MR. KOPEL; 06:49
17 product literature that I've seen fulfills those 06:46	
-	
18 requirements. 06:46	18 ultrasonic sound waves are capable of reaching pests 06:49
19 Q. I understand your experience, but I was 06:46	19 within a room that contains carpeting? 06:49
20 asking something entirely different. 06:46	20 MR. OSTOJIC: Objection. Asked and answered. 06:49
Have you seen any data regarding 06:46	21 BY THE WITNESS: 06:49
22 consumer understanding of these claims? 06:47	22 A. I don't think so. I don't know that it's 06:49
23 MR. OSTOJIC: Object to the form as to data 06:47	23 relevant to the case. Why is it relevant to the 06:49
24 and foundation. 06:47	24 case? We're talking about the claims made on this 06:49
25 But go ahead. 06:47	25 packaging. 06:49
Page 306	Page 308
1 BY THE WITNESS: 06:47	1 BY MR. KOPEL: 06:49
2 A. I I indirectly, yes. 06:47	2 Q. Have you seen any evidence that the 06:49
3 Indirectly with the Amazon review 06:47	3 ultrasonic waves emitted by the Bell + Howell 06:49
4 that I did before, that I talked about before. 06:47	4 repellers are capable of reaching pest in a room that 06:49
5 BY MR. KOPEL: 06:47	5 contains furniture? 06:49
6 Q. Okay. But did the Amazon reviews say 06:47	6 MR. OSTOJIC: Objection. Asked and answered 06:49
7 what the consumers thought the claims meant? 06:47	7 and may call and foundation. 06:49
8 A. No, they do not I don't know whether 06:47	8 Also incomplete hypothetical to type 06:49
9 they say it or not. They're taking their whole 06:47	9 of furniture, where it's located. 06:49
10 experience and lumping it into a one of five star 06:47	10 Go ahead. 06:49
11 rating. 06:47	11 MR. KOPEL: That's called witness coaching, 06:49
12 And their experiences have to 06:47	12 Please stop that. 06:50
13 include that they got a package that had these kind 06:47	13 BY THE WITNESS: 06:50
14 of words on it, and they got a user manual that said 06:47	14 A. I've not seen Bell + Howell 06:50
15 this. 06:47	15 Bell + Howell devices tested in rooms that have 06;50
16 Q. Did you ask ever ask a single consumer 06:47	16 furniture or carpeting. Though it still doesn't 06:50
17 how they understood these claims? 06:47	17 change my opinion. 06:50
18 A. No. 06:47	
Q. What if I told you that the Amazon rating 06:47	19 Q. Do you believe that if submitted for 06:50
20 for this product is below average, would that change 06:48	
21 your opinion? 06:48	21 studies conducted on the Bell + Howell repellers 06:50
A. You already asked that question, and I 06:48	22 would be potentially selected for publication? 06:50
23 said I would I would certainly 06:48	23 MR. OSTOЛС: Objection. Asked and answered 06;50
Q. I think I I think I you might have 06:48	24 like two to three hours ago. 06:50
25 misunderstood what I was saying. I'm sorry to cut 06:48	25 Common, we got to move on to other 06:50
Page 307	Page 309
And the second s	

	The second secon
1 things. We're just repeating the same questions. 06:50	1 CERTIFICATE
2 But go ahead and answer it again. 06:50	2 OF
3 BY THE WITNESS: 06:50	3 CERTIFIED SHORTHAND REPORTER
4 A. No, that wasn't the purpose of their 06:50	4
5 studies. Feuerstein said that. It did not want to 06:50	5 I, Lynn A. McCauley, a Certified
6 publish. 06:50	6 Shorthand Reporter of the State of Illinois, CSR,
7 MR. KOPEL: All right. I have no further 06:50	7 RPR, License No. 84-003268, do hereby certify:
8 questions. 06:50	8 That previous to the commencement of the
9 MR. OSTOЛС: We're going to reserve 06:50	9 examination of the aforesaid witness, the witness was
10 signature. 06:50	10 duly sworn by me to testify the whole truth
11 THE VIDEOGRAPHER: The time it now 6:53 p.m. 06:51	11 concerning the matters herein;
12 This is the end of Media No. 5. This concludes this 06:51	That the foregoing deposition transcript
13 deposition.	13 was reported stenographically by me, was thereafter
We're off the record. 06:51	14 reduced to typewriting under my personal direction
MS. REPORTER: Are you ordering the 06:51	15 and constitutes a true and accurate record of the
16 transcript at this time? 06:51	16 testimony given and the proceedings had at the
17 MR. KOPEL: Not at this time. 06:51	17 aforesaid deposition;
Do you know pricing? Can I look at 06:51	That the said deposition was taken before
19 pricing? I'm going to have my office contact 06:51 20 Veritext in regards to ordering. 06:51	19 me at the time and place specified;
20 Veritext in regards to ordering. 06:51 21 MS. REPORTER: Would you like a copy if it's	20 That I am not a relative or employee or
22 ordered? 06:51	21 attorney or counsel for any of the parties herein,
23 MR. OSTOJIC: I will not need one now; but 06:51	22 nor a relative or employee of such attorney or
24 obviously if the plaintiff orders one, please contact 06:51	23 counsel for any of the parties hereto, nor am I
me, I will probably get a copy. 06:51	24 interested directly or indirectly in the outcome of
25 (Whereupon, at 6:53 p.m. the deposition was concluded.)	25 this action.
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1 UNITED STATES DISTRICT COURT	1 IN WITNESS WHEREOF, I do hereunto set my
2 SOUTHERN DISTRICT OF NEW YORK	2 hand at Chicago, Illinois, this 19th day of January
3	3 2018.
4 I hereby certify that I have read the	4
5 foregoing transcript of my deposition given at the	Vers Dark Control
6 time and place aforesaid, consisting of Pages 1 to	6 LYNN A. MC CAULEY, CSR, RPR
7 311, inclusive, and I do again subscribe and make	7 License No. 84-003268
8 oath that the same is a true, correct and complete	8
9 transcript of my deposition so given as aforesaid,	9
10 and includes changes, if any, so made by me.	10
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DR. PAUL W. BORTH	13
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